Lancaster Farming

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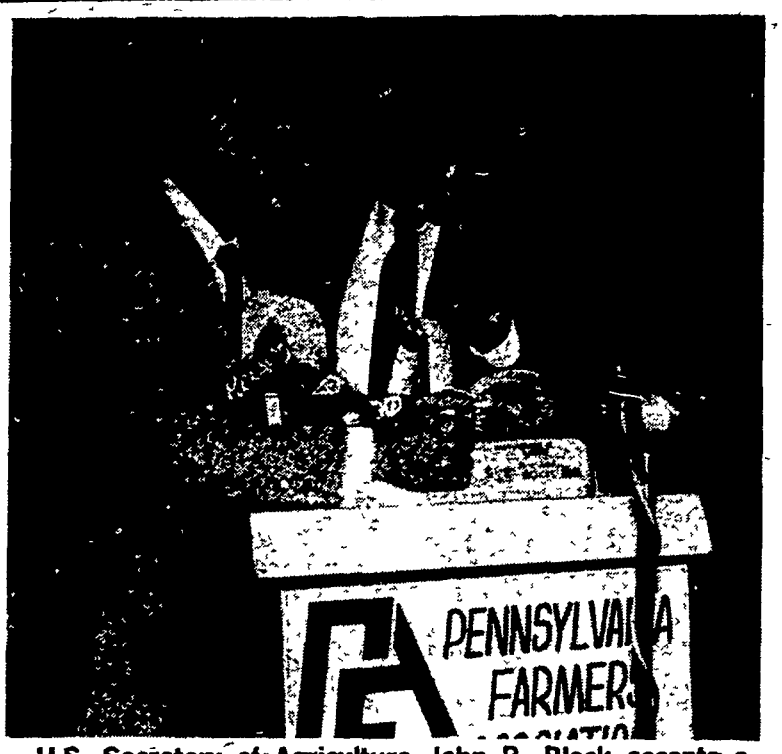

U.S. Secretary of Agriculture John R. Block accepts a basket full of Pennsylvania food products from the Keystone State's Secretary of Agriculture Penrose Hallowell. Block was in Harrisburg last Friday evening to address supporters of the political action committee, FARMER.

Component pricing sends Guernsey sale soaring

BARABOO, WISC. — Component protein pricing for milk sent prices for Guernseys to record levels in a consignment sale held at the farm of Lester Lurvey and Sons, Baraboo, Wisc.

The first Boulder View Sale totaled $228,600, according to John B. Merryman, sales manager of Sparks, Md. Sale average for the 40 head was $5,715.

"There is more enthusiasm in Wisconsin than any other place in the country for buying Guernseys due to the component pricing," Merryman explained.

"To illustrate this, a total of 33 head were purchased by Wisconsin Guernsey breeders and remained in the state.

"And the heavy majority of these purchasers were farmer-breeders who are making their living off the milk production of their herds."

A sale-topping price of $25,500 was paid for three-year-old Chedco TH Mamby, consigned by the Chedco Farm of C.C. Cotting, of Berlin, Mass. She was purchased by Donald Alexander, Greg and Tammy Alexander, of Wake, Va., and Dulaney Valley Guernsey Herd, of Cockeysville, Md.

Mamby is a daughter of Clovelly Top Hornet, the highest rated bull for type and one of the top bulls for production in the Guernsey breed. As a two-year-old she was a grand champion in Massachusetts and Connecticut. Her dam is the Very Good Burgers Place Billy and the grand dam is Lyrene Maestros Mamby, an Ex.-92.

A pair of heifers out of the same family by Clovelly Top Hornet brought $17,000 each at the sale. They were both purchased by the Wisconsin Syndicate One plus One, Edward Dosch, manager, of Richland Center, Wisc.

Clearbranch Hornets Princess is out of McDonald's Darimost Jean, an Ex.-93, and Bettsward Telestar Jean is out of McDonald's H. Jeannie.

Two daughters out of the world record milk cow of the Guernsey breed brought $15,000 each at the sale.

The two, Boulder Wern Tellestar Delight and Boulder View Maple Dena, were purchased by J. Hammond Dugan, Longmeadow, Mass.; Dr. Robert Rowe, Middletown, Wisc.; Elizabeth Merryman, Sparks, Md.; and Thomas Lurvey, Baraboo, Wisc.

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Block happy embargo lifts

BY SUSAN MILLER

HARRISBURG — U.S. Secretary of Agriculture John R. Block addressed the news media and close to 200 Pennsylvania Farmer's Association supporters last Friday evening, the day President Reagan announced the end of the Soviet grain embargo.

Block said he was "elated and happy beyond description" about the embargo being lifted.

"It's been a long 100 days in which the Reagan administration has had to struggle with the inherited embargo," Block remarked.

By lifting the grain embargo, Block said the administration is turning agriculture back to a market oriented industry with expanded, free trade. He decried the grain embargo's effectiveness in stopping foreign aggression and the fact it actually could have hurt

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Growers expanding crop of cantaloupes

BY DICK ANGLESTEIN

BLUE BALL — The designation of the area around Rt. 322 through Eastern Lancaster County as "Cantaloupe Alley" may be more appropriate than ever this year.

Farmers in the region extending south from Ephrata to Blue Ball and west of New Holland to Bowmansville may be growing upwards of 200 acres of cantaloupes this summer for marketing to three of the area's largest supermarket chains.

This could amount to a 35 or 40 percent increase in acreage in this section of the county where cantaloupes have been an increasing cash crop extending back a decade and a half or more.

Marketing of the cantaloupes to supermarkets began last year with Acme, according to Lester W. Martin, R2 East Earl.

"This year we'll be marketing to Pathmark and Safeway, as well as Acme," Martin said.

"There could be as many as 600,000 to 700,000 cantaloupes in the marketing program."

Martin is on the Board of Directors of the Conestoga Valley Growers, a group of farmers who have organized to participate in the marketing program. There are about 45 farmers in the group, according to Martin.

"We'll also be growing about 20 to 25 acres of cauliflower this year." Martin said.

"Looking ahead to the future, we may be getting into the growing of fall greens, such as broccoli and brussel sprouts."

Martin explained that the program will feature unified pricing, starting with one price and continuing throughout the whole season.

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Grand Champion Showman Jerry McCammon, Schellsburg, accepts the silver trophy from Penn State's Assistant Swine herdsman, Dave Hosterman. McCammon competed in the Block and Bridle Club's 64th Little International Livestock Exposition (which was dedicated to Hosterman) held Saturday at the University's Beef and Sheep Center. See story on page D-6.

The sun glints on this grain drying project at the Ohio Agricultural Research and Development Center, Wooster, Ohio. Trapping the sun's energy and harnessing it for agriculture has gone from the experimental fields to the farm. Maryland farmer-engineer Frank Wilmot has pioneered a solar hay dryer on his Potomac Valley where high humidity makes conventional curing of mown hay next to impossible. See story on page A 22 and other solar stories throughout this week's issue.

Livestock market and auction news

Lancaster Market

Monday, April 27
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	1480	62	1195	125
Last Monday	1263	103	1068	634
Last Year	1281	48	983	187
Monday's Auction	1523	64	1257	124
Last Monday's Auction	1130	95	979	634

CATTLE: Compared to last Wednesday slaughter steers fully 1.00 higher, instances 1.50 higher; slaughter heifers firm to .50 higher; cows steady, instances 1.00 lower on Utility; bullocks steady; bulls steady to weak. Supply included 74% slaughter steers, 11% heifers, 10% bulls, and 5% cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1035-1325 lb. 65.50-67.10; few Choice 2 1050-1325 lb. 65.75-67.50; Choice 2-4 960-1325 lb. 62.85-65.50, few 65.50-66.00; high Good and low Choice 2-3 975-1275 lb. 58.50-63.00; Good 2-3 57.50-61.50; Good and Choice 1175-1460 lb. Hosltein 57.75-60.25; Standard and Good 1-2 1000-1250 lb. 52.75-56.50.

SLAUGHTER HEIFERS: Choice 2-3 825-1150 lb. 58.50-63.50, few choice 2 63.50-66.50; Good 2-3 800-1060 lb. 55.00-58.50.

COWS: Utility and Commercial 1-3 45.50-48.00, few 48.50-49.25; Cutter 1-2 43.50-46.50; Canner and low Cutter 40.00-43.50.

BULLOCKS: Choice 1000-1350 lb. 57.50-61.00, few 61.50-62.60; Good 1000-1250 lb. 54.00-58.00.

BULLS: Yield grade 1 1400-1900 lb. 57.75-61.00, few 62.00-67.00, individual 1510 lb. 70.25; yield grade 2 1000-1450 lb. 51.50-57.00.

VEAL CALVES: Vealers mostly steady. Demand fair for calves returned to farm.

VEALERS: Few high Choice and Prime 250-300 lb. 112.00-117.00; Choice 130-260 lb. 95.00-105.00; high Good and low Choice 140-230 lb. 80.00-90.00, 120-140 lb. 70.00-80.00, 80-115 lb. 55.00-65.00, few 60-80 lb. 45.00-55.00.

RETURNED TO FARM: Few Holstein bulls 85-115 lb. 85.00-98.00.

SHEEP: Spring lambs fully steady; slaughter ewes steady.

SPRING LAMBS: Choice and Prime 80-95 lb. 75.00-80.00; few Choice 30-60 lb. 70.00-71.00.

SLAUGHTER EWES: Utility and good 15.00-25.00, one lot 25 head sold at replacement 31.00-31.50.

Vintage Livestock

Tuesday, April 28
Report supplied by USDA

	Cattle	Calves	Sheep
Today	1024	425	35
Last Tuesday	1238	520	247
Last Year	1347	426	47

CATTLE: Compared to last Tuesday slaughter steers 1.00-2.00 higher, instances 2.50 higher; slaughter heifers firm to 1.00 higher; cows 75-1.00 higher; bulls and bullocks steady. Supply included 63 per cent slaughter steers and 27 per cent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1120-1400 lb. 65.75-67.75, few 67.75-68.35; Choice 2 1000-1425 lb. 66.75-68.50, around 25 head Choice 2 and Prime 3 68.75-70.25; Choice 2-4 1000-1425 lb. 63.50-66.00, several 66.00-66.75; high Good and low Choice 2-3 61.00-64.00; Good 2-3 58.75-61.75; Good and Choice 1225-1450 lb. Holsteins 57.25-59.75; few Standard 1-2 53.50-57.50.

SLAUGHTER HEIFERS: Few Choice 2 975-1100 lb. 67.50-70.00; Choice 2-3 925-1070 lb. 61.00-63.50; Good 2-3 825-1050 lb. 55.00-61.00.

COWS: Utility and Commercial 1-3 45.50-48.75, several 49.00-49.75, few 50.50-51.25; Cutter 1-2 45.00-48.00, few 48.00-49.00; Canner and low Cutter 41.00-44.50.

BULLOCKS: Few Good and Choice 1000-1300 lb. 55.25-58.85, individual 63.50.

BULLS: Yield grade 1 1450-1900 lb. 55.75-60.00; few yield grade 2 1050-1450 lbs. 51.00-55.50.

VEAL CALVES: Choice and Prime vealers not fully tested; high Good and low Choice 60-120 lb. 5.00-10.00 higher, 120-200 lb. steady. Supply inlcuded 308 in graded sale of which 66 per cent sold to return to farm.

VEALERS: Few Choice 170-265 lb. 97.00-99.00; high Good and low Choice 160-250 lb. 77.00-96.00, 120-160 lb. 76.00-82.00, 90-115 lb. 70.00-77.00, 60-85 lb. 62.00-70.00.

RETURNED TO FARM: 60 head 80-125 lb. Holstein heifers 80.00-197.00, one lot 91 lb. 170.00; 115 head 100-125 lb. Holstein bulls 104.00-105.00, one 22 head lot 90-95 lb. 89.00.

SHEEP: Insufficient volume for a market test; few Good and Choice 40-70 lb. spring lambs 59.00-68.00.

GOATS: Few small kids 10.00-15.00 per head.

Lancaster Auction

Wednesday, April 29
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	570	27	1248	18
Last Wednesday	1049	25	1013	12
Last Year	972	47	1219	1
Wednesday's Auction	539	26	1261	18
Last Wednesday's Auction	397	27	1020	10

CATTLE: Compared to Monday slaughter steers mostly 1.00 higher; slaughter heifers not tested; cows not fully tested, bulk of supply Canner to average Cutter and these mostly steady; bulls steady. Supply inclued 79% slaughter steers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1190-1375 lb. 67.00-68.00, few head 68.00-68.35; Choice 2 1150-1350 lb. 66.75-67.85, couple head 68.00-69.00; Choice 2-4 1000-1375 lb. 63.60-67.00, few 67.00-67.85; high Good and low Choice 2-3 60.50-64.50; Good 2-3 56.50-61.50; Good and Choice 1250-1485 lb. Holsteins 57.10-58.85.

SLAUGHTER HEIFERS: Few head Choice 2-3 925-1050 lb. 61.00-63.60.

COWS: Couple Utility and Commercial 2-3 44.75-47.25, individual 49.25; Cutter 1-2 44.00-46.50; Canner and low Cutter 39.50-43.00.

BULLS: Yield grade 1 1550-2010 lb. 55.50-59.75, couple 60.00-62.50, two head 1755-2065 lb. 64.75-64.85; yield grade 2 1000-1450 lb. 52.00-56.00.

VEAL CALVES: Insufficient volume for a market test; few sales high Good and low Choice 60-115 lb. steady. Few Holstein bulls sold to return to farm.

VEALERS: High Good and low Choice 80-120 lbs. 55.00-65.00.

RETURNED TO FARM: Few 85-120 lbs. Holstein bulls 85.00-95.00.

SHEEP: Few Utility slaughter ewes steady at 15.50-26.00.

New Holland Livestock

Thursday, April 30

	Cattle	Calves	Sheep	Goats
Today	1647	438	27	6
Last Thursday	1272	426	117	76
Last Year	1276	417	55	

CATTLE: Compared to last Thursday slaughter steers, uneven High Choice and Prime 1.00-1.50 higher, Good to Low Choice steady, Good and Choice Holsteins 1.00-2.00 lower; slaughter heifers 50-1.00 higher; cows 1.00-to mostly 2.00 lower; bullocks weak to 1.00 lower; bulls 1.00-2.00 lower. Supply included 69 per cent slaughter steers, 13 per cent cows and 9 per cent bulls.

SLAUGHTER STEERS: High Choice and Prime 3-4 1175-1375 lbs. 65.75-68.00, few 68.00-68.35; Choice 2 1125-1425 lbs. 66.00-68.00; Choice 2-4 1000-1350 lbs. 62.50-66.75, mainly 63.50-65.75; High Good and Low Choice 2-3 61.50-64.50; Good 2-3 56.00-60.50; Good and Choice 1075-1450 lbs. Holsteins 53.75-57.10, few Choice 57.25-58.60; Standard 1-2 51.00-54.00.

SLAUGHTER HEIFERS: Choice 2-3 925-1125 lbs. 60.50-63.00, few Yield Grade 2 63.00-64.25; Good 2-3 825-1050 lbs. 55.75-60.25.

COWS: Utility and Commercial 1-3 44.75-47.50, couple 47.50-47.75; Cutter 1-2 41.40-45.75, few 46.00-47.50; Canner and Low Cutter 38.50-41.50.

BULLOCKS: Choice 1025-1350 lbs. 56.00-59.25; Good 1000-1275 lbs. 52.50-56.00.

BULLS: Yield Grade 1 1450-2100 lbs. 54.50-58.50, few 59.75-63.10; Yield Grade 1000-1450 lbs. 50.00-55.25.

FEEDER STEERS: Around 20 head Medium Frame 1 few 2 840-950 lbs. 56.00-60.75, around 40 head 650-680 lbs. Large Frame 2 Holsteins 53.00-54.50.

VEAL CALVES: Vealers mostly steady, although Choice and Prime 280-360 lbs. not fully tested. Demand Good for calves returned to farm with bulk of the 85-120 lbs. holstein bulls and heifers sold this way.

VEALERS: Choice 140-260 lbs. 105.00-115.00, few 115.00-119.00; High Good and Low Choice 125-250 lbs. 75.00-90.00, few 90.00-103.00, 90-120 lbs. 57.00-70.00, few 60-85 lbs. 55.00-65.00.

RETURNED TO FARM: Bulk 90-125 lbs. holstein heifers 95.00-150.00, several 175.00-200.00; bulk 90-125 lbs. hosltein bulls 98.00-115.00, few 115.00-122.00; few 75-95 lbs. 84.00-95.00.

SHEEP: Insufficient volume for a market test, few Utility and Good slaughter ewes 17.00-34.00.

GOATS: No market test.

Lancaster Weekly

Friday, May 1, 1981

	Cattle	Calves
This Week	5100	956
Last Week	4836	1074
Last Year	4873	937

CATTLE: Slaughter steers 1.00-1.50 higher although Good and Choice holsteins closed the week 1.00-2.00 lower; slaughter heifers .50-1.00 higher; cows closed the week 1.00-2.00 lower; bullocks weak to 1.00 lower; bulls 1.00-2.00 lower. Supply included 65 percent slaughter steers, 12 per cent cows, 8 per cent bulls, 4 per cent heifers with the balance mainly feeder steers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1125-1400 lbs. 65.75-68.00, few 68.00-68.35; Choice Grade 2 1000-1425 lbs. 66.00-68.00, around 25 head 68.50-70.25; Choice 2-4 1000-1350 lbs. 63.50-66.00, several 66.00-66.75, high Good and low Choice 2-3 60.00-64.50, Good 2-3 56.50-61.75; Good and Choice 1075-1455 lb. holsteins closed the week at 53.75-57.25, several mainly Choice early part of week 58.00-60.25, Standard and Good 1-2 51.00-55.00.

SLAUGHTER HEIFERS: Choice 2-3 925-1150 lbs. 59.50-63.50; few Choice Grade 2 63.50-67.50, couple to 70.00; Good 2-3 825-1050 lbs. 55.00-61.00.

COWS: Utility and Commercial 1-3 44.75-47.50, several early part of week 48.00-49.75, Cutter 1-2 closed the week at 41.50-44.75, few 46.00-

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LANCASTER STOCKYARDS
WEEKLY SALES

SLAUGHTER SALES — MON. & WED. 10:00 A.M.
VEALERS, LAMBS, HOGS — MON. & WED. 11:00 A.M.
HOG AUCTION — SATURDAY 9:30 A.M.
STOCKER & FEEDER — FRIDAY 11:00 A.M.

NEXT FEEDER PIG SALE - MAY 5

EQUIPPED TO RECEIVE YOUR LIVESTOCK 24 HOURS A DAY, 365 DAYS A YEAR.
PRIVATE TREATY DAILY
LANCASTER STOCKYARDS, INC.
(717) 394-2611

VINTAGE SALES STABLES, INC.

Sale Every Tuesday & Friday
11 A.M.
Slaughter Cattle Auction-
Steers, Bulls, Heifers, Cows, Feeder Cattle.
(no calves or sheep Friday)
Get calves in early. We start to grade and weigh at 2:30.

Sale Every Wednesday& Saturday - 9 A.M.
Hog Sale

Sale Every Thursday 12:30 P.M.
Hay, Straw & Grain Sale

3 possum bellied trailers available for long distance and local hauling

Business Phone
717-768-8204
Home Phone
215-458-5060
L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

HAY, STRAW & CORN
— SALE —
Every Friday at 12 Noon

GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-733-2334
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only.

NEW HOLLAND The Action Auction
AUCTIONS make the difference in auctions!
NEW HOLLAND makes the difference in marketing livestock!

MONDAY'S AUCTION
8 00 A M - Fat Hogs
10 00 A.M Horse Sale
11 00 A M - Hay, Straw & Ear Corn
1 30 P M Fat Steers, Bulls, Cows & Veal

WEDNESDAY'S AUCTION
12 00 Noon - Dairy Sale
1 30 P M - Feeder Pig Sale

THURSDAY'S AUCTION
11 00 A M Beef Sale
Order of Sale, Bulls, Fat Steers, Cows, Veal
3 30 P M Calf Sale

NEW HOLLAND SALES STABLES INC.
New Holland, PA
Abram W Diffenbach, Manager
Phone 717-354-4341

B&R CATTLE CO.
RD1, Marietta, PA 17547
Office Phone: (717) 653-8164
Specializing In Stockers & Feeders
JOHN BOWMAN
Ph: (717) 653-5728
RON RANCK
Ph (717) 656-9849

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE: JONESTOWN 865-2881
Sale every Tuesday at 1:30 P.M. starting with feeder cattle and pigs.
Also Hay Sale every Tuesday at 12:30.

Hog Markets

St. Louis Hogs

Thursday, April 30
Report supplied by USDA

HOGS: 6000 - Barrows & gilts moderately early, later rather slow; 1.00-1.50 lower. US 1-2 200-240 lbs. 40.50-41.00; US 1-3 220-250 lbs. 40.00-40.50.

SOWS: Steady to 50 lower. (About 6%). US 1-3 300-500 lbs. 35.50-36.50; Over 500 lbs. 37.50-39.50.

BOARS: Over 300 lbs. 36.50, few 37.00; 200-300 lbs. 35.00-35.25.

Peoria Hogs

Thursday, April 30
Report supplied by USDA

HOGS: 4000 - Barrows & gilts moderate, 50-75 lower. US 1-2 200-240 lbs. mostly 41.00-41.50; US 1-3 200-240 lbs. 40.50-41.00.

SOWS: Steady to 50 lower. (15%). US 1-3 350-425 lbs. 36.00-37.25, bulk 36.50-37.00; 425-500 lbs. 37.50-38.50; 500-650 lbs. 39.00, few 39.50.

BOARS: Over 350 lbs. 37.00; under 350 lbs. 32.00-36.00.

Vintage Hogs

Vintage, Pa.
Saturday, April 25
Report supplied by auction

826 head.

US 1 & 2 210-230 lbs. 41.00-43.00; US 2 & 3 200-245 lbs. 40.00-41.00; Sows 300-500 lbs. 36.00-38.00; Boars 300-600 lbs. 31.00-34.00.

Wednesday, April 29

248 head.

US 1 & 2 210-230 lbs. 41.50-43.50; US 2 & 3 200-245 lbs. 40.00-41.50; Sows 300-500 lbs. 34.00-35.50.

New Holland Hogs

Monday, April 27
Report supplied by USDA

Today	1338
Last Monday	1100
Last Year	1805

TREND: Compared to last Monday barrows and gilts 1.00-1.50 lower.

BARROWS AND GILTS: US 1-2 200-240 lbs. 40.50-41.00, Few 41.00-41.60; US 1 210-245 lbs. 42.00-43.00; US 1-3 220-250 lbs. 39.60-40.50; One lot US 2-3 260 lbs. 38.85.

Lancaster Feeder Pigs

Tuesday, April 28
Report supplied by USDA

Today	1251
Last Tuesday	848
Last Year	1165

TREND: Compared to last Tuesday feeder pigs mostly steady, instances firm to 4.00 higher on 60-80 lbs. weights. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 175 head 25-39 lbs. 85.00-95.00; 467 head 40-49 lbs. 77.00-88.50; 175 head 50-59 lbs. 75.00-86.00; 54 head 60-69 lbs. 66.50-71.50; 12 head 75-81 lbs. 52.00-61.50.

US 2-3: 90 head 30-39 lbs. 67.50-86.00; 70 head 40-49 lbs. 65.00-75.00; 75 head 50-53 lbs. 65.00-74.50.

Indianapolis Hogs

Thursday, April 30
Report supplied by USDA

HOGS: 1500 - Barrows & gilts active, 50-1.00 lower. US 1-2 200-250 lbs. 41.00-41.50.

SOWS: Moderately active, steady. (8%). US 1-3 300-400 lbs. 35.00-36.00; Few 450-500 lbs. 38.00-39.00; 500-600 lbs. 40.00-41.00.

BOARS: Under 250 lbs. 34.00; over 350 lbs. 35.00-35.50.

New Holland Feeder Pigs

Wednesday, April 29
Report supplied by USDA

Today	1028
Last Wednesday	1114
Last Year	911

TREND: Compared to last Wednesday feeder pigs 5.00-10.00 lower, instances 15.00 lower on 25-40 lbs. weights. All pigs weighed on arrival and sold by the hundred weight.

GRADE US 1-2 90 head 27-39 lbs. 80.00-82.00; 245 head 40-49 lbs. 64.00-80.00; 214 head 50-59 lbs. 61.00-67.00; 89 head 65-75 lbs. 53.00-56.00.

US 2-3: 114 head 25-35 lbs. 70.00-76.00; 30 head 41-45 lbs. 60.00-67.00; 12 head 61 head 57.00; 13 head 71-98 lbs. 49.00-50.00.

Feeder Pig Sale

Courtland, Va.
Thursday, April 23
Report supplied by VDA

There were 1359 head sold. All cattle were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

US 1&2: 30-39 lbs. 92.00; 40-49 lbs. 86.77; 50-59 lbs. 75.50; 60-69 lbs. 65.50; 70-84 lbs. 63.00; 85-99 lbs. 43.00; 100-130 lbs. 43.00.

US 3: 30-39 lbs. 85.00; 40-59 lbs. 80.00; 50-59 lbs. 67.00; 60-69 lbs. 55.50; 70-84 lbs. 54.50; 85-99 lbs. 40.00; 100-130 lbs. 40.00.

UTILITY: 30-39 lbs. 45.00; 40-49 lbs. 41.00; 50-59 lbs. 41.00; 60-69 lbs. 31.00; 70-84 lbs. 31.00.

US 4'S: 30-39 lbs. 45.00; 40-49 lbs. 41.00; 50-59 lbs. 41.00; 60-69 lbs. 31.00; 70-84 lbs. 31.00.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter — Thursday, Apr. 30
Report supplied by USDA Estimated Daily Livestock Slaughter Under Federal Inspection

	CATTLE	CALVES	HOGS	SHEEP
This Week	473,000	39,000	1,409,000	83,000
Last Week	441,000	33,000	1,342,000	77,000
Last Year	465,000	32,000	1,493,000	89,000

Market courtesy of USDA.

Chicago Grain Futures

(Closing Bids as of Thursday Apr. 30)

	Corn	Wheat	Soybeans	Soybean Meal
May	3.61	4.33¾	7.78½	226.90
July	3.67½	4.43	8.01¼	232.50
Sept.	3.73¾	4.57½	8.13	
Oct.	–	–	–	235.30
Nov.	–	–	8.24¾	–

Trend - Corn is higher, Wheat is higher, Soybeans are higher, Soybean Meal is higher.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

Westminster Feeder Pigs

Friday, April 24
Report supplied by auction

1396 Pigs: Prices uneven, compared to last month prices generally $5.00 lower, although some large lots and #1's steady to $5.00 higher.

No. #1: 221 head 30-37 lbs. 65.00-80.00; 61 head 42 lbs. 89.00; 120 head 40-48 lbs. 61.00-70.50; 60 head 51 lbs. 80.00; 200 head 51-58 lbs. 67.00-71.00; 135 head 60-69 lbs. 55.00-67.50; 126 head 72-78 lbs. 56.00-61.00.

No. #2: 293 head 28-48 lbs. 51.00-66.50; 88 head 50-69 lbs. 55.00-63.00; 12 head 90-125 lbs. 41.00-46.00.

No. #3: 35 head 29-30 lbs. 51.00-56.00; 25 head 41 lbs. 50.00; 5 head 71 lbs. 44.00.

Vintage Cattle

Vintage Sales Stables
Friday, April 24
Report supplied by auction

317 head.

Bulls 1100-1850 lbs. 51.00-58.75; High Choice and Prime steers 1150-1400 lbs. 66.00-67.85; Choice 2 & 4 63.50-66.00; Holstein steers 55.00-57.85; Choice heifers 800-900 lbs. 58.00-61.75; Cows 41.00-47.85.

Futures Trading

(Closing Bids as of Thursday Apr. 30)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
June	70.17	49.00	
July		51.42	
Aug.	68.25	51.47	
Oct.	65.92		
Nov.			7.33

Trend - Cattle are lower, Hogs are lower. Potatoes are higher.

Market Provided by Commodity Department Dean Witter Reynolds, Inc.

Lancaster Hogs

Lancaster Stockyards
Saturday, April 25
Report supplied by USDA & Auction

860 head.

U.S. 1 210-235 lbs. 44.00-46.25; U.S. 1 & 2 210-245 lbs. 40.25-41.10; U.S. 2 & 3 200-250 lbs. 39.60-40.00; Sows 350 lbs. and up 36.00-39.00; Boars 200 lbs. and up 30.50-32.00.

Monday, April 27

HOGS: Barrows and gilts mostly steady.

BARROWS AND GILTS: US 1 205-245 lbs. 43.50-44.25, Few Selected 44.50-45.00; US 1-2 200-240 lbs. 41.25-42.35, few 42.60-43.00; US 1-3 230-250 lbs. 40.75-41.25, 250-265 lbs. 40.10-40.60.

Wednesday, April 29

HOGS: Barrows and gilts steady to firm.

BARROWS AND GILTS: US 1-2 200-240 lbs. 41.50-42.50; US 1 205-245 lbs. 43.00-44.25; Few Selected 44.50-45.00; US 1-3 210-260 lbs. 40.50-41.50.

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Poultry Markets

Weekly New York Egg Market

From Friday, Apr. 24 to May 1

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	74	74	72	70	70
Ex Large	72	72	70	67	67
Large	69	69	67	64	64
Mediums	62	62	62	59	59
Pullets	49	49	49	48	48
BROWN					
Jumbo	88	88	88	88	88
Ex Large	79	79	78	76	76
Large	75	75	74	72	72
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	62	62	60	57	57
Checks	35	35	35	34	33

Tone: Large barely steady. Balance medium easy.
Copyright 1981 by Urner-Barry

N. E. Weekly Shell Egg Report

Tuesday, Apr. 28
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.+	78-85	74-81	65-71	48-54
Mostly	80-83	76-79	67-69	50-52
N. HAMP.	73-80	69-76	60-67	43-50
Mostly	75-78	71-74	62-65	45-48
R.I.	82-83	78-79	69-70	52-53
VERMONT	80-90	76-86	67-76	–
Mostly	82-85	78-81	69-73	–
MAINE	80-81	76-77	67-68	50-51

+ Includes Central and Western Sections only.

Baltimore Eggs

Wednesday, April 29
Report supplied by USDA

Market weak. Demand fair. Supplies plentiful.

Cartoned eggs: Prices to retailers, state graded (min. one case sale) white.

Large	72-74
Medium	65-67

Lancaster Farming

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Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

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Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	Apr. 28 Tuesday	Apr. 30 Thursday
Class 1 - Large	48 lbs.	46	44
Class 2 - Large	45 lbs.	46	43
Class 3 - Medium	42 lbs.	43	43
Class 4 - Small	39 lbs.	35	35
Breaking Stock	48 lbs.	42	42
Checks	48 lbs.	37	37

Philadelphia Eggs

Wednesday, April 29
Report supplied by USDA

Prices unchanged on lower on large sizes, unchanged on mediums. Cartoning demand light for end of the month. Offerings ample to burdensome on larger sizes, fully adequate on balance.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons, delivered; store door.

A Extra Large 67-75; A Large 66-74; A Medium 59-65½.

Eastern Pa. & N.J. Poultry

Wednesday, April 29
Report supplied by USDA

Prices generally about steady on light type hens. Farm offerings continue fully adequate for a fair but unaggressive processor interest. Offerings of heavy type hens ample for a slow demand.

Prices paid at Farm.

Lightweight at farm: 5-7, mostly 6-6¾.

FOB plant: 9-9½, mostly 9.

Heavyweight: Too Few To Report.

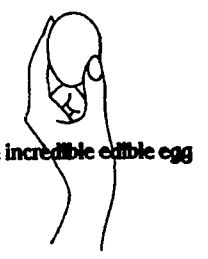
Delmarva Poultry

Wednesday, April 29
Report supplied by USDA

RTC movement remains slow on all items except where forced for sale at attractive prices. Slaughter schedules continue heavy at most plants. Today's LTL asking prices TFEWR on Plant, while down 1 cent at 45-46½ on US Grade A. Advance interest light as buyers await further market developments. Live supplies ample at weights often heavier than desired. Undertone continues weak and unsettled.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 4/29 1644; Actual 4/22 1676; Actual 2/27 1696; Average Weights 4/27 4.32; 4/20 4.38.



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Sale every Monday 2 P.M.
Melvin M. Lehman (Owner)

Fogelsville Poultry

Fogelsville, Pa.
Tuesday, April 28
Report supplied by USDA

(Prices paid dock weights, cents per pound, except where noted)

HENS, LIGHT TYPE: range 10.

HENS, HEAVY TYPE: range 7-28, mostly 28.

PULLETS: range 50-58, mostly 58.

ROASTERS: range 40-53, mostly 53.

DUCKS: range 101.

GEESE: range 51.

RABBITS: range 80-111, mostly 101.

GUINEAS: range 150-151, mostly 150.

PIGEONS (PER PAIR): range 310-500, mostly 310.

TOTAL COOPS SOLD: 210.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, April 28
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range 1.14-1.34.

MUSCOVY DUCKS, HENS: range 1.04-1.22.

PEKING DUCKS: range .80-.96.

PULLETS: 5-8 lbs. range .46-.52.

RED FOWL: 4-5 lbs. range .20-.32.

RED FOWL: 6-7 lbs. range .28-.36.

CROSSBRED FOWL: 7-9 lbs. range .30-.42.

CROSSBRED ROOSTERS: 4-6 lbs. range .60-.78.

CROSSBRED ROOSTERS: 7-10 lbs. range .30-.44.

GUINEAS: range 1.50-1.80.

GEESE: 9-12 lbs. range .58-.64.

TURKEYS: 24-46 lbs. range .36-.54.

PIGEONS: range 1.80-2.05 ea.

WHITE PIGEONS: range 3.00-3.50 ea.

RABBITS: 4-6 lbs. range 1.10-1.32.

RABBITS: 7-10 lbs. range .92-1.20.

GUINEA PIGS: range 1.00-2.50 ea.

GOATS: range 32.50-67.50.

KID GOATS: range 25.00-48.00.

TOTAL COOPS SOLD: 530.

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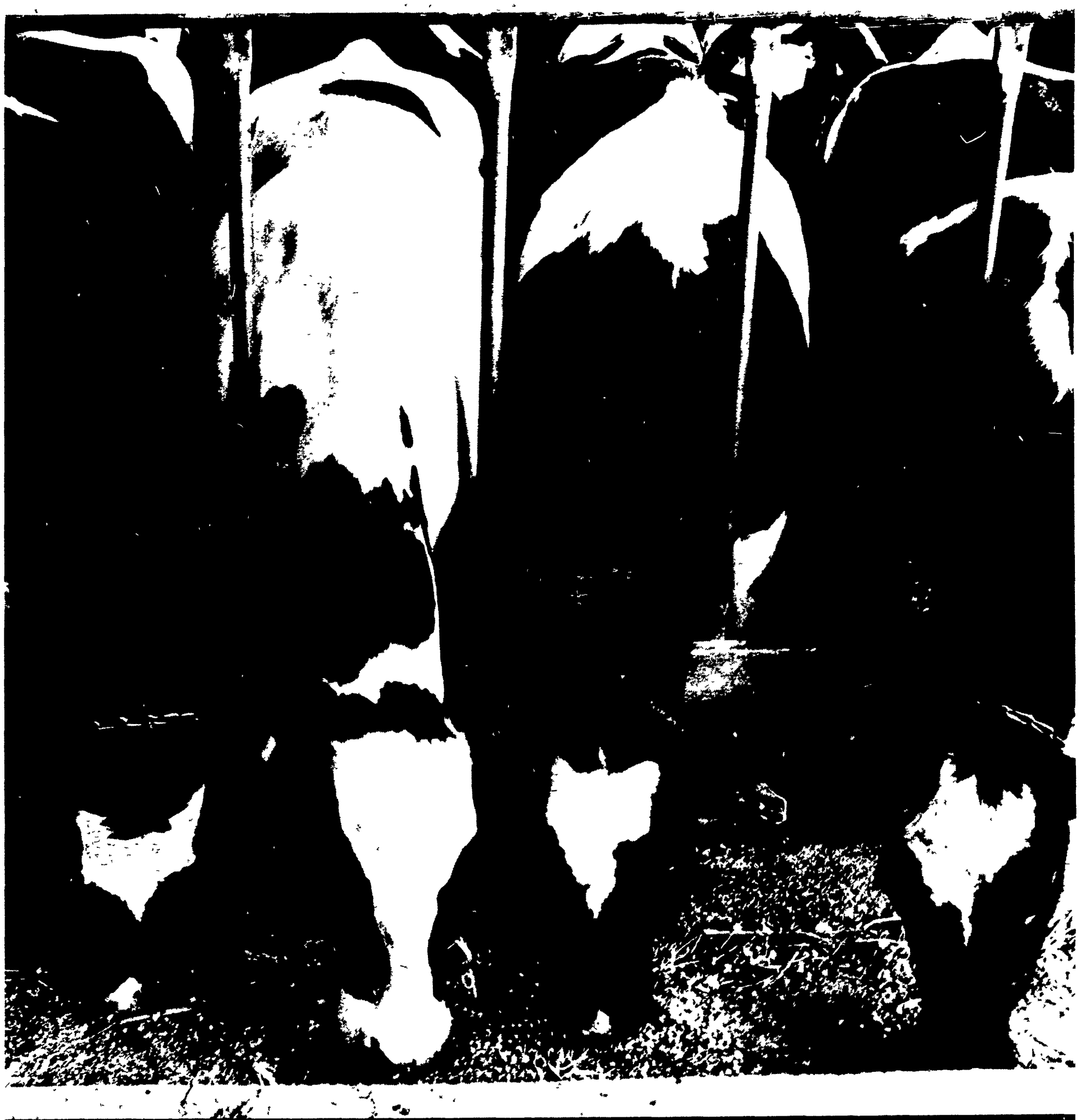

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Livestock market and auction news

Hay Markets

Vintage Hay

Vintage Sales Stables
Thursday, April 30
Report supplied by auction

32 loads.

Timothy 95.00-101.00; Mixed 69.00-115.00; Alfalfa 82.00-130.00; Straw 56.00-58.00.

Regional Hay

Friday, April 24
Report supplied by PDA

(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)

Hay & Straw slow and steady.

Alfalfa 90.00-110.00, few 135.00; Mixed hay 55.00-85.00; Timothy hay 50.00-80.00; Straw 40.00-45.00; Mulch 30.00-35.00.

Green Dragon Hay

Ephrata, Pa.
Friday, April 24
Report supplied by PDA

93 loads hay and 26 loads straw.

Alfalfa 125.00-175.00, few down to 90.00; Mixed hay 66.00-138.00, few to 187.00; Timothy hay 62.00-128.00, mostly 78.00-111.00; Clover, few 81.00-96.00; Straw 52.00-80.00; Ear Corn, 5 loads 130.00-145.00.

Keister's Hay

Middleburg, Pa.
Tuesday, April 21
Report supplied by PDA

31 loads hay and 3 loads straw.

Alfalfa, few 117.00-129.00, one at 150.00; Timothy 74.00-89.00, one at 60.00; Mixed hay 79.00-99.00, one at 121.00; Straw 58.00-64.00; Ear Corn, couple 118.00 and 127.00.

Keister's Hay

Middleburg, Pa.
Wednesday, April 29
Report supplied by auction

23 loads hay: Timothy 71.00-95.00; Mixed 88.00-115.00; Alfalfa 119.00-150.00.

5 loads straw 46.00-57.00.

2 loads ear corn 127.00-130.00.

Good's Hay

Leola, Pa.
Wednesday, April 29
Report supplied by auction

100 loads.

Alfalfa 106.00-152.00; Timothy 68.00-141.00; Mixed 69.00-167.00; Straw 50.00-75.00; Corn 124.00-143.00.

New Holland Hay

New Holland Sales Stables
Monday, April 27
Report supplied by auction

170 loads.

Alfalfa 94.00-181.00; Timothy 75.00-160.00; Mixed 52.00-154.00; Straw 56.00-79.00; Corn 129.00-133.00.

Frederick Co. Hay

Buckeystown, Md.
Thursday, April 30
Report supplied by auction

Market: slow.

23 load.

Alfalfa 112.50-142.00; Mixed 55.00-90.00; Timoth & Alfalfa 87.50-100.00; two of Straw 51.00 & 52.00; two of Corn 121.00 & 127.00.

Feeder Cattle Sale

Culpepper, Va.
Thursday, April 23
Report supplied by VDA

Sale was graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

1951 head sold.

STEERS: 500-600 lbs. Medium 1 77.00-80.00; Large 1 70.50-79.00; Small 1 63.00-71.00; Med. & Large 2 62.00. 600-700 lbs. Medium 1 64.00-71.00; Large 1 63.50-69.50; Small 1 63.25-65.50; Med. & Large 2 60.25. 700-800 lbs. Medium 1 62.50-66.00; Large 1 63.25-64.00; Small 1 59.00-63.75; Med. & Large 2 60.50. 800-900 lbs. Medium 1 61.50-64.75; Large 1 62.00-64.75; Small 1 62.50-63.00; Med. & Large 2 56.00. 900-1000 lbs. Medium 1 63.25-64.50; Large 1 59.50-63.00. Short steers 500-600 lbs. 62.25.

HEIFERS: 500-600 lbs. Medium 1 58.00-63.50; Large 1 60.00-62.00; Small 1 52.00-56.25; Med. & Large 2 52.00. 600-700 lbs. Medium 1 55.00-59.50; Large 1 55.50-59.00; Small 1 50.50-55.50; Med. & Large 2 51.50. 700-800 lbs. Medium 1 54.50-57.50; Large 1 55.75-57.00; Small 1 54.50.

Pa. Grain

Tuesday, April 27
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa. Corn & Oats steady to 5 cents higher. Wheat unevenly steady. Barley uneven, mostly steady to strong. Ear Corn steady to $3 higher.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.75-3.95, average 3.86; Wheat No. 2 range 4.15-4.50, few reported down to 4.00, average 4.33; Barley No. 3 range 2.50-3.00, average 2.81; Oats No. 2 2.60-2.90, average 2.75; Soybeans No. 1 7.35-7.60, average 7.48; Grain Sorghum No. 2 2.90, average 2.90; Ear Corn 105.00-120.00, average 111.66.

Central Pa.

Corn No. 2-y range 3.65-3.95, average 3.83; Wheat No. 2 range 4.00-4.50, average 4.27; Barley No. 3 range 2.40-2.95, average 2.68; Oats No. 2 range 2.40-2.60, average 2.51; Grain Sorghum No. 2 range 3.90, average 3.90; Ear Corn 103.00-110.00, average 106.11.

South Central Pa.

Corn No. 2-y range 3.65-3.75, average 3.69; Wheat No. 2 range 3.80-4.00, average 3.91; Barley No. 3 range 2.70-3.15, average 2.88; Oats No. 2 range 2.40-2.70, few reported 2.95, average 2.59; Ear Corn range 104.00-120.00, average 108.00.

Western Pa.

Corn No. 2-y range 3.45-3.55, few reported 3.75, average 3.53; Wheat No. 2 range 3.95-4.00, average 3.97; Barley No. 3 few reported range 2.30-2.45, average 2.38; Oats No. 2 range 2.25-2.45, average 2.55; Ear Corn range 85.00-88.60, average 86.80.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.65-3.95, average 3.82; Wheat No. 2 range 4.00-4.50, average 4.23; Barley No. 3 range 2.50-3.00, average 2.79; Oats No. 2 range 2.40-2.90, average 2.61; Ear Corn range 104.00-120.00, average 108.93.

Lebanon Valley Auction

Fredericksburg, Pa.
Tuesday, April 28
Report supplied by PDA

CATTLE 262. Compared with last Tuesday's market, slaughter cows $1 to $1.25 higher. Few Choice No. 2-4 1025-1275 lbs. slaughter steers 63.85-65.75, Good 61.00-63.00, one at 64.00, Good & Choice holsteins 58.00-61.10, one at 62.00, Standard 54.00-58.25, few Utility & Low Standard 48.25-51.50. Few Choice No. 2-4 slaughter heifers 58.75-60.50, few No. 4-5 51.00-55.25, one at 46.75, Good 55.25-60.00, few Standard 50.25-54.50, few Utility 46.50-50.00. Utility & Commercial slaughter cows 45.00-47.75, few to 49.00, Cutters 43.00-45.75, few to 47.74, Canner & Low Cutter 40.00-43.10, few Shells down to 33.50. Few Good slaughter bullocks 54.25-58.50, few Standard 53.25-56.00. Few Yield Grade #1 1360-1760 lbs. slaughter bulls 53.75-57.75; one yield grade #2 1325 lbs. at 54.00. Few Large Frame #2 400-600 lbs. feeder steers & bulls 49.0-55.50; few Medium Frame #1 380-620 lbs. feeder heifers 51.25-59.50, few Large Frame #2 500-785 lbs. 45.25-55.50.

CALVES 146. Bulk of supply returned to the farm. Couple Prime vealers 102.00 and 103.00, few Choice 91.00-99.00, Good 86.00-90.00, Standard & Good 65-110 lbs. 65.00-71.00, few down to 55.00. Farm calves, holstein bulls 80-125 lbs. 70.00-91.00; holstein heifers 80-125 lbs. 102.00-178.00, mostly 140.00-168.00; few beef cross bulls & heifers 95-120 lbs. 71.00-86.00.

HOGS 209. Barrows & gilts 50 cents to $1 higher. US No. 1-2 205-240 lbs. barrows & gilts 41.85-42.35, few 42.50-43.00, No. 1-3 210 255 lbs. 41.00-41.85, few No. 2-3 235-260 lbs. 40.85-41.10, few 295-350 lbs. 36.25-39.00, few No. 1-3 175-185 lbs. 37.25-40.10. Sows $1 to $2 higher. US No. 1-3 340-525 lbs. sows 35.00-36.75, few to 37.25, No. 2-3 320-560 lbs. 33.50-36.00, few down to 30.75. Few Boars 31.00-32.25.

FEEDER PIGS 22. US No. 1-3 20-35 lbs. feeder pigs 49.50-55.00 cwt., lot No. 1-3 18 lbs. 61.50 cwt.

SHEEP 8. Few Slaughter sheep 17.00-31.00, one at 37.00.

Lancaster Feeder Cattle

Friday, April 24
Report supplied by USDA

Today	1502
Last Friday	No Sale
Last Year	364

TREND: Trend not comparable because of insufficient supplies in recent weeks. A large selection of buyers provided outlets for all weights of feeder cattle, with best action on the 950-1070 lbs. weights. Supply included about 1100 in graded sale, sold in lots of 10 or more.

FEEDER STEERS: Medium Frame 1: One lot 465 lbs. 73.75; 545-600 lbs. 64.50-66.85; 600-700 lbs. 63.75-64.50; 700-800 lbs. 62.00-64.85; couple lots 855-865 lbs. 63.50-63.75; couple lots 935-960 lbs. 65.60-65.25. Large Frame 1: One lot 620 lbs. exotic crossbred 71.25; couple lots 645-720 lbs. 63.50-64.75; 835-865 lbs. 61.10-64.10; one lot 930 lbs. 65.10; and one lot 1010 lbs. 60.00. Medium and Large Frame 1: One lot 780 lbs. 62.50; one lot 902 lbs. 63.50; around 70 head 1005-1065 lbs. 64.85-65.85. Small and Medium Frame 1: Three lots 570-690 lbs. 63.25-63.85. Medium Frame 1-2: One lot thin 365 lbs. 79.00; couple lots 665-690 lbs. 62.35-65.50; couple lots 715-745 lbs. 59.00-61.10. Large Frame 1-2: One lot 760 lbs. 63.50.

FEEDER HEIFERS: Medium Frame 1: One lot 520 lbs. 55.50. Large Frame 1: Few lots 690-735 lbs. 53.85-55.85. Medium and Large Frame 1: One lot 530 lbs. 59.00 and one lot 760 lbs. 53.25. Medium Frame 1-2: One lot 365 lbs. 57.50. Large Frame 1-2: One lot thin 495 lbs. 60.75; one lot 610 lbs. 55.00. Large Frame 2: One lot 865 lbs. 51.00.

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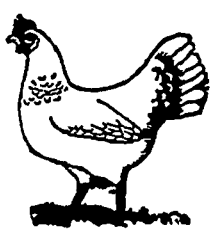

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Sale to start promptly at 1:00
Every 4 weeks

Located 18 miles south of Lancaster, PA, 6 miles south of Quarryville, take Rt. 272 to Little Britian, turn north, follow Little Britian Rd. to Jackson Rd. 2nd farm, OR Take Rt. 222 out of Quarryville to Cedar Hill Rd. to Little Britian Rd. to Jackson Rd. Watch for sale arrows.

50 to 60 Head
more or less
2 & 3 Way Crossbred Gilts
York & Hampshire & Duroc

Due to farrow 3 days to 4 weeks after sale date. Now everything vaccinated for both Lepto & Erysipelas, wormed and sprayed for lice.

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No hogs sold on commission.

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Abe Diffenbach
Auctioneer

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Mount Joy, Pa. 17552

REGISTERED HOLSTEIN BULLS

WHIRLHILL KINGPIN, born 6/14/80. Dam 88 pt. Gent 7-2, 352, 21,948, 880, 4.0; 2nd Dam Ex 92-4E GM Kingpin 4-4, 365, 23,212, 852, 3.6; next Dam 87 pt. Pride Admiral.

ROUND OAK RAG APPLE ELEVATION, born 8/6/80. Dam 83 pt. Kingpin 3-7, 398, 23,826, 900, 3.7.

WAPA ARLINDA CONDUCTOR, born 5/12/80. Dam 83 pt. Round Oak Rag Apple Elevation 2-2, 322, 14,569, 568, 3.9.

HILLTOP APOLLO IVANHOE, born 1/23/80. Dam Royal Star 2-1, 293, 16,072, 548, 3.4.

ENG-AMER IVANHOE JERRY, born 5/4/80. Dam 82 pt. Elevation. 2nd Dam 86 pt. Kingpin.

SHARDALE ARLINDA CHIEF JEMINI, born 4/16/80. Dam 86 pt. Astronaut at 6-0, 332, 17,748, 777, 4.4.

LAWCREST MARVEX-TWIN, born 12/1/79. Dam Ivanhoe Star at 4-3, 297, 23,561, 760, 3.2.

Also High Quality Grade Cows and Heifers.

Transportation and financing available.

STEVE KELLER 717-653-2284
BOB KELLER 717-653-1523
Office: 717-653-4851

Livestock market and auction news

Central U.S. Carlot

Wednesday, April 29
Report supplied by USDA

Compared to Tuesday's 4:30 report: Choice 3 steer beef mostly steady. Heifer beef, Choice 4 and Good steer steady to 2.00 lower. Demand and trading light to moderate, supplies moderate. Bulk sales on a processor and chain store basis. The boxed beef carcass cutout value advanced $.15 to an estimated $109.80 per cwt. Sales reported on 80 loads of steer and heifer beef.

STEER BEEF
62½ Loads
FOB Omaha Basis

Choice 3: 600-900 lbs. 106.00-109.00, mostly steady, mstly 108-109, some for wkend ship.

Choice Upside Down 3: 600-825 lbs. 103.00.

Choice 4: 600-900 lbs. 96.00-98.00, steady-2.00 lower.

Choice 5: 600-900 lbs. 93.00.

Choice 2-3: 500-900 lbs. 99.00-102.00, (Hols. type).

Good 2-3: 600-900 lbs. 103.00, 1.00-2.00 lower.

Good 2-3: 500-900 lbs. 95.00 (Hols. type).

FOB Amarillo Basis

Choice 2-3: 600-700 lbs. YG 3 107.50-108.50; YG 2 109.00-110.00.

HEIFER BEEF
17½ Loads
FOB Omaha Basis

Choice 3: 500-700 lbs. 103.00-104.00, steady-2.00 lower.

Choice 4: 500-800 lbs. 96.00-98.00, steady-2.00 lower.

Choice 5: 500-800 lbs. 93.00.

Good 2-3: 500-700 lbs. 101.00-102.00, 1.00-2.00 lower.

Cow beef 1.00 lower to West Coast. Demand and supplies light to moderate.

COW BEEF
6 Loads
FOB Omaha Basis

UTLTY BRKG: 450/up lbs. 78.50 (West) 3-4.

UTLTY BNG: 400/up lbs. 81.50 (West) 2-3.

FOB Amarillo Basis

UTLTY BRKG: 450/up lbs. 79.50 (West) 3-4.

UTLTY BNG: 400/up lbs. 82.50 (West) 2-3.

BULL BEEF
1 Load

Bull 1: 500/up lbs. 95.50 (West).

PRIMAL BEEF CUTS
6 Loads
FOB Omaha Basis

FORES: 130-210 lbs. 91.00.
ARM CHUCKS: 74-120 lbs. 87.00.
ROUNDS (S): 65-95 lbs. 118.00.
ROUNDS (H): 60-85 lbs. 118.00.
SHORT PLATES: 55.00.
ROUNDS (S): 130-170 lbs. 120.00 DIAMOND CUT.

BONELESS PROCESSING BEEF/BEEF TRIMMINGS
54½ Loads
FOB Omaha Basis

75% chem lean fresh 93.00 early.
50% chem lean fresh 58.50-61.00.
92% chem lean fresh bull 130.00.

FOB Amarillo Basis

50% chem lean fresh 58.50.
90% chem lean frozen 123.00.
75% chem lean frozen 94.00.

Compared to Tuesday's 2:30 report: Fresh pork loins 14-17 lbs. steady to 1.00 higher, 17-20 lbs. steady to 4.00 higher. Picnics 4-8 lbs. 1.00 higher. Boston butts .50-2.00 higher. Spareribs firm. Fresh hams 17-20 lbs. uneven, mostly 1.00 lower; 26-30 lbs. Sdls bellies 12-16 lbs. 1.50 lower. Trading and demand moderate. Sales reported on 44 loads and 12½ loads of trimmings and variety meat.

LOINS: 14-17 lbs. 88.00 steady; 14-17 lbs. 88.50-89.00 next wk ship, .50-1.00 higher; 17-20 lbs. 84.75 clear channel, steady; 17-20 lbs. 85.00, 4.00 higher; 20/up lbs. 76.25-77.25 clear channel.

PICNICS: 4-8 lbs. 48.00, 1.00 higher.

BOSTON BUTTS: 4-8 lbs. 68.00, 1.00-2.00 higher; 8/up lbs. 69.50, .50 higher.

SPARERIBS: 3-5 lbs. 93.25-96.50 frozen, firm.

SKINNED HAMS: 17-20 lbs. 68.00-70.00, bulk 68.00, unevenly, mstly 1.00 lower; 26-30 lbs. 64.00, firm.

BELLIES, SDLS: 12-14 lbs. 46.50, 1.50 lower; 14-16 lbs. 46.50, 1.50 lower; 20-25 lbs. 41.50.

VARIETY MEATS

SKINNED JOWLS: 34.00 frozen.

CHITTERLINGS: 10 lb. box 33.00, transfer in storage.

CHEEK MEAT: 84.00, frozen.

BACKRIBS: 1-¾-dn lbs. 175.00, frozen.

TAILS: 16.00.

PORK TRIMMINGS/ BONELESS PROCESSING PORK
(Chemical Lean)

72% lean trimmings frzn 71.00.
72% bnls picnics fre 74.00.

Middleburg Auction

Middleburg, Pa.
Tuesday, April 28
Report supplied by PDA

CATTLE 352. Compared with last Tuesday's market, slaughter steers steady to strong. Slaughter cows steady to 75 cents lower. Choice 2-4, 975-1375 lbs. slaughter steers 62.75-66.25, couple to 67.25, Good 57.50-61.50, few 62.50, Standard 51.00-56, few 58.25, Utility 49.00-52.50. Few Good to Low Choice slaughter heifers 57.50-60.25. Utility and Commercial slaughter cows 42.00-46, few 47.85, Cutters 41.50-44.50, Canner and Low Cutters 37.50-41.50. Few Good slaughter bullocks 55.60-60.10, few Standard 51.00-52.35. Yield Grade #1, 1100-1600 lbs. slaughter bulls 48.00-58.50, one 62.35. Large Frame #1&2, 450-700 lbs. feeder steers 60.00-69.50.

CALVES 145. Vealers steady to $3 higher. Choice vealers 87.00-103, few Good 75.00-85, Standard and Good 60.00-71. Farm Calves: Were $5-$10 higher. Hol. Bulls 85-125 lbs. 70.00-103, couple 115.00; Hol. Heifers 85-150 lbs. 100.00.

HOGS 759. Barrows and gilts about steady. US No. 1-2 210-235 lbs. barrows and gilts 41.00-42, No. 1-3 190-250 lbs. 40.00-41, No. 2-3 190-270 lbs. 37.00-40.00. US No. 1-3 400-600 lbs. sows 36.50-37.75, No. 2-3 365-600 lbs. 32.00-36.50. Boars 30.00-32.25. TUES. 4-28-81. HOGS 60. One Lot US No. 1-2 220 lbs. barrows and gilts at 41, few lots No. 1-3 2-230 lbs. 40.60-40.75.

FEEDER PIGS 281. US No. 1-3 20-35 lbs. feeder pigs 17.50-27 per head, No. 1-3 35-50 lbs. 27.00-31 per head, few lots No. 1-3 100-140 lbs. 32.25-35.25 per hundredweight.

SHEEP 2. Not enough to establish a market test.

New Wilmington Livestock

New Wilmington, Pa.
Monday, April 27
Report supplied by PDA

CATTLE 322. Compared with last Monday's market, slaughter cows steady to strong. One Choice slaughter steer at 62.50, Good 56.50-61.50, Standard 52.00-56.50. Choice slaughter heifers 58.00-61.50, few Good 54.00-58.00, Standard 48.00-53.50. Utility & Commercial slaughter cows 45.50-48.00, one 49.25, Commercial No. 4-5 42.00-46.00, Cutters 43.50-47.00, Canner & Low Cutter 36.00-43.50, Shells down to 30.00. One Good slaughter bullock at 59.00, few Standard 48.00-53.50. Yield Grade #1 1140-1850 lbs. slaughter bulls 54.00-57.75, one at 61.25. Medium & Large Frame #1 360-540 lbs. feeder steers 63.00-80.00, one at 83.00; Medium & Large Frame 330-650 lbs. feeder heifers 51.00-59.00, Medium Frame #2 360-655 lbs. 45.00-55.50; Medium & Large Frame #1 325-675 lbs. feeder bulls 52.00-60.00.

CALVES 270. Vealers $5 to $10 higher. Few Prime vealers 114.00-116.00, Choice 99.00-115.00, Good 80.00-100.00, Standard & Good 90-120 lbs. 67.50-80.00, 65-85 lbs. 65.00-71.00, one lot Utility 56 lbs. at 63.00. Farm calves, holstein bulls 95-130 lbs. 80.00-90.00; holstein heifers 75-140 lbs. 100.00-150.00.

HOGS 728. Barrows & gilts 25 cents to 50 cents higher. US No. 1-2 210-245 lbs. barrows & gilts 41.70-42.60, No. 1-3 200-250 lbs. 40.50-41.70, No. 2-3 200-265 lbs. 37.25-40.60, few lots 33.50-35.25, No. 2-3 260-290 lbs. 35.00-37.25, No. 1-3 160-195 lbs. 33.00-39.25. Sows steady. US No. 1-3 300-570 lbs. sows 30.00-36.00, few No. 2-3 270-590 lbs. 27.25-30.00. Boars 20.00-35.00.

FEEDER PIGS 62. US No. 1-3 30-40 lbs. feeder pigs 25.00-34.00 per head, few Utility 70-100 lbs. 27.00-31.00 per head.

SHEEP 35. Choice 65-95 lbs. spring slaughter lambs 77.00-81.00, one 85.00. Slaughter ewes 11.00-26.00.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, April 25
Report supplied by auction

STOCKER, FEEDER, AND SLAUGHTER CATTLE: Good Light Steer Calves 79.00-84.00; Medium 74.00-78.75; Plain 73.50 and down; Good Heavy Steers 65.00-70.00; Medium 60.00-64.75; Plain 59.50 and down; Holstein Steers 53.35 and down; Good Slaughter Steers 61.00 and down; Good Light Heifer Calves 58.00-61.50; Medium 53.00-57.75; Plain 52.50 and down; Good Heavy Heifers 53.00-57.00; Medium 48.00-52.75; Plain 47.50 and down; Slaughter Cows 45.00-49.25; Utilities 40.00-44.75; Canners & Cutters 36.00 and down; Milk & Stock Cows 587.50 and down; Stock Bulls 60.00 and down; Slaughter Bulls 56.50 and down.

CALVES: Veal Calves 90.00 and down; Baby Calves 130.00 and down.

SHEEP & LAMBS: Choice Blue O 71.00; Good Red O 65.50; Feeder Lambs 64.50-70.00; Slaughter Ewes 18.50 and down; Stock Ewes 115.00 and down.

HOGS: Top 39.00; Heavy 38.50; Medium 38.50; Light 32.00; Sows 38.75 and down; Boars 30.00 and down.

Special Horse Sale

New Holland Sales Stables
Friday, April 24
Report supplied by auction

165 head.

Load of Ky. driving 775.00-1800.00.

Load of Tn. driving 775.00-1550.00.

Load of Ky. driving 750.00-1350.00.

Load of N.Y. driving 600.00-900.00.

Load of N.J. driving 485.00-925.00.

Load of N.Y. driving 500.00-975.00.

Local driving 525.00-1350.00.

Local work pairs 2050.00-4600.00, singles 700.00-1500.00.

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THE OLD FARMER'S ALMANAC

MAY 4-10, 1981

Such chicanery, cool and rainy.

Dig dandelion greens now Tito died May 4, 1980 First quarter of the moon May 10 (Sun) Average length of days for the week, 14 hours, 20 minutes Highest P M tide of the year May 4 (Mon) Ostriches mate now First presidential inaugural ball held NYC May 7, 1789 *Democracy is a method of our getting ahead without leaving any of us behind*

Ask the Old Farmer: Why are there twelve persons on a jury? W A, Outlook, Wash

Tradition figures in this matter The number twelve was regarded as most significant by the ancients because of the Twelve Apostles They even whaled the daylights out of pagan galley-slaves with a twelve-thonged whip

Home Hints: To hide scratches on natural wood cabinets and woodwork, rub with mineral oil on a soft cloth The scratch will assume the shade of the woodwork

OLD FARMER'S WEATHER FORECASTS

New England: Beginning of week is rainy and cool, then sunny and mild, warm inland, weekend brings showers

Greater New York-New Jersey: Showers, cool at start, then sunny and warm middle of week, end of week is cloudy and cool

Middle Atlantic Coastal: Showers, seasonal through midweek, then clear and hot rest of week and weekend

Piedmont & Southeast Coastal: Sunny, few showers, and hot throughout the week, with showers becoming heavier for weekend

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Livestock market and auction news

Four States Livestock

Hagerstown, Md.
Wednesday, April 22
Report supplied by auction

SLAUGHTER: Fed Steers Mostly steady. Low Choice to 58.25; Good 55.00-57.50; Dairy Type 50.00-56.75; Medium 54.00 Down. Heifers Choice 52.00-53.00; Good 47.00-51.00; Medium 46.00 Down. Cows Good run, $1.50 higher. High Yield 47.00-48.85; Average 43.00-46.00; Big Middle 39.00-42.00; Fatty Herf. 37.00-40.00; Shelly 43.00 Down. Fat Bulls Steady prices. Good 52.00-54.85; Medium 47.00-51.00. Veal Calves Heavy Calves steady, Light Calves higher. Choice 96.00-98.00; Good 90.00-95.00; Medium 80.00-89.00; Farm Hfrs. to 125.00; Farm Bulls to 92.00; Light & Weak 60.00 Down.

STOCKER: Steers 300-550 lbs. Steady prices. Choice 72.00-76.00; Good 66.00-71.00; Medium 60.00-65.00; Culls 59.00 Down. Steers 600-850 lbs. Choice 64.00-68.00; Good 58.00-63.00; Medium 57.00 Down; Heifers (All Weights) Dairy Type to 74.00; Choice 58.00-66.00; Good 47.00-57.00; Medium 46.00 Down. Bulls Choice 65.00-70.00; Good 56.00-64.00; Medium 55.00 Down. Springing Heifers to 750.00. Pigs, Hd. Very Active, steady prices. 20-30 lbs. 12.00-23.00; 40-60 lbs. 24.00-34.00. Shoats by Lb. to 38.00. Slaughter Hogs $1.00 higher. 210-230 lbs. 39.85-41.35; 240-260 lbs. 39.50-41.00; 190-205 lbs. 38.50-40.50. Sows 370-550 lbs. 32.50-37.50.

Dewart Auction

Dewart, Pa.
Monday, April 20
Report supplied by PDA

CATTLE 249. Compared with last Monday's market, slaughter steers 25 cents-$1.25 higher. Slaughter cows 75 cents-$2 higher. Choice 2-4, 975-1500 lbs. slaughter steers 63.40-65.50, couple 66.75, Good 56.50-59, few Standard 49.00-55. Few Choice slaughter heifers 57.35-60.60, few Good 53.35-56.60. Utility and Commercial slaughter cows 45.00-49, couple to 50.60, Cutters 42.50-46.50, Canner and Low Cutters 38.50-42.50. Few Yield Grade #1, 925-1000 lbs. slaughter bulls 48.10-49, 1150-2275 lbs. 53.50-64.75. Few Medium Frame #2, 350-550 lbs. feeder steers and heifers 56.00-60. Few Large Frame #2, 600-900 lbs. feeder bulls 48.00-53.00.

CALVES 139. Few Choice vealers 90.00-112, few Good 75.00-90, Standard and Good 70-95 lbs. 60.00-70.00. Farm Calves: Hol. Bulls 85-125 lbs. 85.00-110, couple to 115.00; Hol. Heifers 90-130 lbs. 90.00-150.00.

HOGS 475. Barrows and gilts 50 cents-75 cents lower. US No. 1-2 195-235 lbs. barrows and gilts 40.80-41.50, lot 42.00, No. 1-3 2-250 lbs. 40.00-40.60, No. 2-3 220-260 lbs. 37.00-39.00. Few US No 1-3 375-500 lbs. sows 33.75-37.75. Boars 30.00-32.50.

FEEDER PIGS 100. US No. 1-3 35-50 lbs. feeder pigs 25.00-31 per head, lot No. 1-3 85 lbs. at 38.00 per head.

SHEEP 0. No Sales On Offer.

G&M Livestock

Monday, April 27
Report supplied by auction

STEERS: High Choice and Prime 64.00-66.10; Good to Choice 58.00-64.00; Standard to Good 53.00-58.00.

HEIFERS: Good to Choice 60.00-63.00; Standard 54.00-60.00.

FEEDERSTEERS: Good to Choice 300-500 lbs. 60.00-74.00.

BULLS: Bullocks 60.00-63.85; 1200-1875 lbs. 53.00-59.00; 900-1200 lbs. 50.00-56.00.

COWS: High Choice to Prime 48.00-51.50, few to 54.00; Good 46.00-48.00; Utility 44.00-46.00; Cutters 40.00-44.00; Canners 38.00-42.00.

CALVES: High Choice 90.00-106.00; Good to Choice 80.00-90.00; Standard to Good 60.00-80.00; Utility 40.00-60.00.

FARM CALVES: Hol. Bulls 75.00-102.00; Hol. Heifers 135.00-179.00.

FEEDER PIGS: 15-25 lbs. 18.00-24.00; 25-50 lbs. 20.00-34.00.

HOGS: 200-240 lbs. 40.00-42.50; 170-300 lbs. 37.00-40.00.

SOWS: 32.00-41.00.

BOARS: 28.00-33.00.

SHEEP: None.

Hunter's Auction

Monday, April 27
Rising Sun, Md.
Report supplied by auction

HEIFERS: High Choice and Prime 52.00-59.50; Good to Choice 48.00-51.50.

FEEDER STEERS: Good to Choice 67.00-77.00; Standard to Good 59.00-64.00.

BULLS: 600-800 lbs. 56.00-60.50.

COWS: High Choice to Prime 46.75-48.75; Good to Standard 45.25-46.75; Utility 43.75-45; Cutters 41.25-44.50; Canners 38.25-42.50.

CALVES: Prime 180-240 lbs. 92.00-104.00; High to Choice 140-180 lbs. 86.00-98.00; Good to Choice 120-140 lbs. 82.00-101.00; Standard to Good 90-115 lbs. 65.00-87.00, few 92.00-112.00; Utility 75-85 lbs. 65.00-81.00; Low Utility 65-75 lbs. 58.00-72.00.

FEEDER PIGS: 25-30 lbs. $19 to $24 by hd.; 35-40 lbs. $25 to $34 by hd.

HOGS: 140-180 lbs. 30.00-36.00; 180-240 lbs. 39.50-42.50.

SOWS: 30.50-34.50.

BOARS: 28.00-33.00.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, April 27
Report supplied by auction

Reported receipts of 268 calves, 105 cows, 29 bulls, 27 heifers, 16 steers, 79 hogs, 12 lambs, 16 sheep. Cattle market reported steady, calf market reported stronger.

Holstein Heifer Calves to 177.50; Veal Calves, Back to Farm 75.00-94.00; Bobs, 90 to 110 90.00-110.00; Bobs, 80 and down lbs. 54.00-74.00; Grassers & Feeders 50.00-74.00; Lambs 53.00-54.50; Sheep 15.00-34.00; Hogs, 200-250 lbs. 35.50-40.50; Sows 30.00-32.50; Boars 26.00-31.00; Heifers 47.50-54.75; Steers 49.50-59.00; Steers, feeder 55.00-59.50; Bulls 50.00-57.00; Cows, utility 43.50-49.00; Cows, fat 42.50-46.50; Cows, medium 35.00-41.00; Cows, poor or small 24.50-37.00; Horses to 620.00; Ponies to 137.50; Goats 16.00-47.00.

Joliet Cattle

Thursday, April 30
Report supplied by USDA

CATTLE: Friday through Wednesday's Salable receipts 3,300; 5 days last week 4,024, same period a year ago 3,113. Trading moderate for the week. YG 2 & 3 Slaughter Steers ended the week mostly 3.00 higher; YG 4 & 5 Steers 2.00-2.50, instances 3.00 higher. Slaughter Heifers ended the week mostly 2.50 higher. Cows ended the week 1.00 lower.

SLAUGHTER STEERS: Mixed High Choice and Prime 3-4 1150-1400 lb. 66.00-67.25 Monday; 68.00-69.00 Wednesday; YG 3-4, few 5, 1150-1400 lb. 64.00-66.00 Monday; 67.00-68.00 Wednesday. Choice 2-4 1000-1350 lb. 66.50-68.00, load 68.25, 2 loads 68.50 Monday; 67.50-69.00, few 69.25; 2 loads 69.50 Wednesday Mixed Good and Choice 2-3 1000-1250 lb. 65.00-66.75 Monday; 66.50-67.75 Wednesday. Load Choice 2-3 1600 lb. Holsteins 60.50 Monday; load Mixed Good and Choice 2 1285 lb. Holsteins 58.00 Monday.

SLAUGHTER HEIFERS: Choice & Mixed Choice and Prime 2-4 900-1150 lb. 65.50-66.75, load 67.00 Monday; 65.50-66.75, 1 load 67.25, 1 load 67.50 Wednesday. Mixed Good and Choice 2-3 800-1000 lb. 64.50-65.75 Monday; 64.00-65.50 Wednesday.

COWS: Utility, few Commercial, 1-2 43.00-46.00 Monday; 43.00-45.00 Wednesday; 42.00-44.00 Thursday Cutter 40.00-43.00, Monday & Wednesday; 40 00-42.00 Thursday.

Martinsburg Auction

Martinsburg, Pa.
Monday, April 27
Report supplied by auction

CATTLE 235. Choice slaughter steers 64.00-66.60, Good 61.00-63.50, Standard 57.00-60.50, Utility 48.00-55.00. Choice slaughter heifers 60.00-63.75, Good 57.00-61.00, Standard 51.00-56.00. Utility & Commercial slaughter cows 47.00-53.50, Cutters 44.00-46.00, Canner & Low Cutter 41.00-43.50, Shells down to 39.00. Good slaughter bullocks 57.00-61.00, Standard 51.00-56.00, Utility 47.00-53.00. Yield Grade #1 slaughter bulls 56.00-58.50; yield grade #2 51.00-53.00.

CALVES 273. Choice vealers 90.00-98.50, Good 85.00-92.00, Standard & Good 90-110 lbs. 65.00-78.00, 70-90 lbs. 55.00-64.00, Utility 55-100 lbs. 52.00-60.00. Farm calves, holstein bulls 90-120 lbs. 80.00-105.50; holstein heifers 85-130 lbs. 100.00-171.00.

HOGS 358. US No. 1-2 barrows & gilts 41.00-41.80, No. 1-3 40.00-41.00, No. 2-3 39.50-40.60. US No. 1-3 sows 35.00-38.00. No. 2-3 300-650 lbs. 34.00-37.00. Boars 30.00-32.50.

FEEDER PIGS 18. US No. 1-3 20-35 lbs. feeder pigs 11.50-20.50 per head, No. 1-3 35-50 lbs. 21.50-28.50 per head.

SHEEP 0. No sales on offer.

GOATS 4. 21.00-31.00 per head.

East Coast Carlot

Wednesday, April 29
Report supplied by USDA

Compared to Tuesday's close: Prime special fed veal generally steady in narrow test. Good and Choice boning veal generally steady. Compared to last week limited sales boneless beef generally steady to firm.

VEAL CARCASS
HIDE ON
125 head

180-250 lbs. 179.00-182.00, generally steady, few 185.00.

BONING TYPE
HIDE ON
Good and Choice

Northeastern Suppliers: 65-75 lbs. 98.00 ltd, all generally steady; 55-64 lbs. 96.00 ltd; 45-54 lbs. 94.00; 35-44 lbs. 92.00 ltd; 34 lbs. down 90.00 ltd.

Inshipped: No sales reported.

BONBLESS BEEF
6 Loads
(U.S. and Canadian Origin)

90 pct chem lean, fresh 126.00, generally steady

85 pct chem lean, fresh 115.00-116.00, generally steady.

75 pct chem lean, fresh 97.00, firm.

CURED AND PROCESSED MEATS
6 Loads

Skinned Hams: 16-20 lbs. 79.00.

No. 1 Sliced Bacon Vacuum Pack 1 lb. pkg. 99.00-107.00 generally steady.

Franks, 70 Beef, 30 Pork 1 lb. pkg. 82.00-85.00, steady to firm.

New Holland Horse

Monday, April 27
New Holland Sales Stables
Report supplied by auction

Reported receipts of 285 head of horses, mules, and ponies. Market. steady.

Better horses 550.00-1025.00; Driving horses 350.00-850.00; Riding horses 350.00-500.00; Lightweight killers 350.00-500.00; Heavyweight killers 525.00-820.00; Mares 45.00-125.00; Colts 15.00-45.00; Geldings 45.00-125.00, Larger ponies 150.00-275.00.

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SPECIAL FEEDER CATTLE SALE
FRIDAY EVE., MAY 15
7:00 P.M.
400-500 all weights and breeds
Also brood cows and calves.
Vintage Sales Stables, Inc.
Lincoln Highway East
Paradise, PA
L. Robert Frame, Manager
717-442-4181

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WALTER H. RISSER, Proprietor

Livestock market and auction news

St. Louis Cattle

Thursday, April 30
Report supplied by USDA

Receipts This Week:	6,100
Week Ago:	6,400
Year Ago:	6,000

Compared to the previous week's close, slaughter steers unevenly 2.00-3.00 higher. Slaughter heifers fully 1.00 higher. Cows fully 2.00 lower. Bulls 1.00-2.00 lower. Slaughter supply mainly Choice and Mixed Choice and Prime 2-4 1050-1200 lbs. steers, around 35% heifers and 10% cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1300 lbs. 67.00-68.50, closing 67.50-68.50; 3-4 1125-1375 lbs. 66.00-67.00. Choice 2-4 950-1300 lbs. 66.00-68.00, most closing sales 66.50-67.50; couple lots 2-3 1175-1225 lbs. 69.00. Mixed Good and Choice 2-4 900-1200 lbs. 65.00-67.00. Good 2-3 900-1175 lbs. 63.00-65.50. Standard to mostly Good 2-3 1050-1300 lbs. Holsteins 54.00-59.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1050 lbs. 64.50-66.50, closing 64.50-65.00. Choice 2-4 800-1050 lbs. 63.00-66.00, closing 63.00-64.50. Mixed Good and Choice 2-3 700-1000 lbs. 62.00-65.00. Good 2-3 700-975 lbs. 60.00-63.50.

COWS: Closing week sales: Utility and Commercial 2-4 40.00-42.00. Boning Utility 1-2 42.00-44.00. Cutter 1-2 39.00-42.00. Canner and Low Cutter 1-2 36.00-39.00.

BULLS: Yield Grade 1-2 1050-1800 lbs. 51.00-55.00; closing 50.00-53.00. Couple Yield Grade 1 1585 lbs. Holsteins 55.25 late.

FEEDERS: (Including around 2,000 at the regular Thursday auction. Feeder steers and heifers 2.00-3.00 lower. Supply mainly Medium Frame 1 and Mixed 1-2 400-600 lbs. steers and heifers with several lots stock cows and cow and calf pairs included.

FEEDER STEERS: Medium Frame 1: 350-475 lbs. 71.25-76.25, mostly 72.50-74.00; 500-600 lbs. 67.00-69.50; scattered lots 700-850 lbs. 61.50-64.50. Medium Frame 1-2 and some Small Frame 1: 475-650 lbs. 62.00-65.50. Large Frame 2 Holsteins: Couple lots 440-550 lbs. 57.25-60.25.

FEEDER HEIFERS: Medium Frame 1: 400-500 lbs. 58.50-63.75; lot thin 440 lbs. 65.50; 500-600 lbs. 56.50-60.75. Medium Frame 1-2 and some Small Frame 1: 400-550 lbs. 54.50-57.50.

STOCK COWS: Few lots Medium Frame 1-2 middle-aged bred and in second and third state of pregnancy 46.75-51.75.

COWS AND CALF PAIRS: Several lots Medium Frame 1-2 young and middle aged cows with calves at side 485.00-562.50.

Peoria Cattle

Thursday, April 30
Report supplied by USDA

51 Weekly Cattle Summary: Compared to last week Slaughter Steers and Heifers 1.50 to 2.00 higher. Cows 1.00 lower and Bulls firm to 1.00 higher. Trade both Monday and Wednesday moderate with demand centered on Choice 2-3 1000-1150 Steers and 900-1050 lbs. Heifers. Buyers became more cautious and selective Wednesday in reaction to the downward dressed trade and some buying interest either partially or completely off the market. Receipts this week were about 3000 as compared to 2855 a week ago and 2460 a year ago.

SLAUGHTER STEERS: Choice 2-3, few 4's 1000-1225 lbs. 67.50-69.00, 2-4, including Prime 1150-1350 lbs. 67.00-68.00. Couple loads 4, few 5's 1300-1450 lbs. 65.00-66.50. Part load 5's 58.00. Mixed Good and Choice 2-3 950-1050 lbs. 65.00-67.00. Few loads 1150-1350 lbs. Holsteins 59.00-61.50. Good 63.00-66.00.

SLAUGHTER HEIFERS: Choice, few Prime 2-4 900-1175 lbs. 65.50-67.00. Scattered lots 3-5 62.50-65.50. Mixed Good and Choice 2-3 850-1050 lbs. 64.00-66.00. Good 60.00-64.00.

COWS: Utility and Commercial 2-3 40.00-45.00, few high yielding 46.00. Cutter 39.00-44.00. Canner and Low Cutter 37.00-40.00.

BULLS: YG 1-2 1100-1900 lbs. 50.00-59.00, mostly 52.00-57.00.

Feeder Cattle Sale

Dublin, Va.
Wednesday, April 22
Report supplied by VDA

There were 1,158 head sold. All cattle were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

STEERS: 300-400 lbs. Medium & Large 1 59.75-65.00; Small 1 59.75-60.00; Medium & Large 2 59.50-62.50. 400-500 lbs. Medium & Large 1 57.00-64.00; Small 1 56.75-59.50; Medium & Large 2 57.00-59.75. 500-600 lbs. Medium & Large 1 57.50-62.25; Small 1 56.50-57.25; Medium & Large 2 55.00-57.50. 600-700 lbs. Medium & Large 1 56.75-61.00; Small 1 54.50-56.50; Medium & Large 2 54.75-56.00. 700-800 lbs. Medium & Large 1 53.00-57.00; Small 1 52.75-54.50; Medium & Large 2 54.75-56.00. 800-900 lbs. Medium & Large 1 48.00-53.75.

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Jacob A Stahl and Son, Lititz, R D #3 The Stahls have a 60,000 bird layer operation and feed about 150 steers Below, the Stahl family is processing the eggs while Jacob Stahl discusses the operation with Darvin E Boyd, Vice President and Director of the Agri-Finance Department (L to R) Dewey Stahl, Joseph Stahl, Partner, Boyd, Eileen Stahl, Jacob A Stahl, Partner, and Rachel Stahl

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We Will Receive Your Pigs Anytime From 7 A.M. Wed. Morning
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Off the Sounding Board

By Sheila Miller, Editor

Packing promises?

At a press conference held in Harrisburg on the eve of the announcement the Russian grain embargo had at long last come to an end, Secretary of Agriculture John R. Block commented, "It's all behind us now." But, is it really?

Lifting the embargo created a motley of emotions — almost as mixed as the closing prices on the markets that day.

Although most farmers will agree they are relieved to have Uncle Sam's thumb out of the pie, there is still concern about what will happen next

A spokesman for a national farmers' organization went on record stating Uncle Sam has learned a hard lesson — grain embargoes don't work.

The big question now is how long will that lesson be remembered? If the Soviets show other acts of aggression, be it in Afghanistan or elsewhere, how long will it take Uncle Sam to forget about the 1980 embargo and once again use agricultural products as a punitive slap across the knuckles?

It has been estimated it will take the American farmers two to three years to recover from the effects of this embargo. On the other hand, the embargo has had little effect on Soviet grain supplies. What they lost in U.S. imports, they made up through increased trade with Argentina, Canada, and Australia.

To help 'cushion' the embargo's impact on the American farmer, Uncle Sam called on the Commodity Credit Corporation to step in and pick up the canceled grain and soybean contracts and adjust the grain reserve program to ease the price fall.

Other markets were found for wheat and feed grain exports intended for the Soviets, offsetting the surplus expected from the embargo. But will those markets continue to buy more grain from U.S. farmers?

USDA has come out with figures that reveal wheat and grain supplies for this year as being more than adequate for both domestic needs and export. Wheat stocks as of June 1, they say, will exceed 900 million bushels — a 5 month supply. An even greater surprise is the 250 million bushels of feed grain just recently 'discovered' in stock.

Even as economists are crying "grain shortage" and livestock feeders have nightmares about feeding high-priced golden grain to hogs and cattle, Uncle Sam soothes their fears with a lullaby of ample supplies. Has he forgotten how quickly Mother Nature can turn ample into short?

One USDA prediction that promises to hold true is the strengthening of short-run grain prices. This promise will bring cheers from grain growers and groans from livestock and dairy producers. Just how strong that market will get will depend on good old supply and demand — that is, unless the Soviets decide to invade Poland.

Uncle Sam has promised if another embargo is invoked on exports to Russia, it would be across the commodity board, not just agriculture. But, let's be realistic.

Who makes the easiest whipping boy for another embargo lesson — a unified industry, like steel or coal, or a diverse, dissected agriculture? It's an easy guess who will find themselves in the corner, waiting once again for the teacher's permission to move.

April 24 will be a day long remembered by the American farmer as the day the Reagan Administration lifted a heavy millstone from around their necks and allowed them to once again take part in a free enterprise system.

Hopefully, Uncle Sam will have learned the painful lesson that embargoes are ineffective in curtailing aggression in other nations and won't subject the American farmer to another economic ploy in foreign policy.

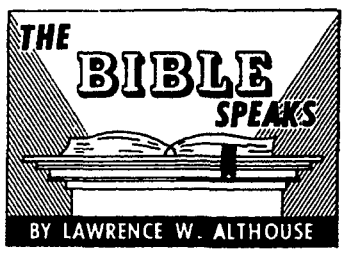
But, just in case, American farmers need to join forces for some real crop insurance by supporting legislators like U.S Senator Roger Jepsen (R-Iowa) who has promised to propose an amendment in the 1981 Farm Bill that will make embargoes more difficult for future administrations to impose

Reacting to the end of the grain embargo, Jepsen stated, "President Reagan has sent a message to the world, one which transcends all language, social, and economic differences, that this administration will keep its promises to the people and to the world.

"All the American farmer wants is a farm policy he can count on, and I hope we can have a success this growing season to make up for the burdens imposed on our farmers by government last season.

"We must make a pledge that never again will we allow one segment of our population to bear the burden of foreign policy."

That's one promise we all can applaude.



A PICTURE OF GOD
May 3, 1981

Background Scripture:
Hebrews 1:1 through 2.9.
Devotional Reading:
John 10:1-10.

A little girl was working industriously on a drawing. "What are you drawing?" asked her mother. "A picture of God," replied the little girl without looking up. "But nobody knows what God looks like?" her mother said. Still intent on her drawing, the little girl snapped: "Well they will when I'm finished!"

The little girl's attitude makes us chuckle, but when we encounter that same attitude in an adult, it comes through as ARROGANCE with a capital "A". Lots of people are sure that their picture of God is absolutely authentic. God is essentially what they say He is. Furthermore, they believe they have a unique understanding of the mind of God. And the bottom line is this: if they think they have the authentic understanding of God, you must have one that is inferior.

Many & Various Ways

The Letter to the Hebrews begins with a reminder that "In many and various ways God spoke of old to our fathers by the prophets" (1:1). "Many and various ways"...not just one way. Because God spoke in many different ways through many different pictures, we have a varied picture and understanding of who and what He is.

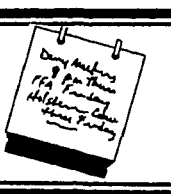
There is an old story about a group of blind people who encountered an elephant. One felt his trunk and decided that an elephant is long and thin. Another grasped the elephant's leg and decided the elephant was thick and round. Still another grasped the elephant's ear and his impression of the elephant was quite different from the others. And the elephant — well, he was like what each person thought, but he was also much more!

That's the way it is with God, too. He has revealed himself in many and various ways, all of which give us some kind of picture of his nature. But he is much more than all of those pictures. He is much more than all the names by which people call him: the Adonai of Judiasm, the Allah of Islam, the Krishna and the Shiva of Hinduism, the Sirvana and/or Nirvana of Bhuddism, and the Father of Jesus Christ. Even the word "God" is but an inadequate representation of the reality it purports to designate.

Spoken By A Son

The Christian claim is, not that other religious traditions are in error nor that their deity is something less than ours, but that in Jesus Christ we get the very best picture of God that human nature is able to perceive. As the writer of Hebrews puts it, "but in these last days he has spoken to us by a Son" who "reflects the glory of God and bears the very stamp of his nature" (1:2,3). The human mind can never embrace that all there is to know about and experience of the Divine Reality but as much as we can absorb, that understanding is revealed in Jesus Christ. For to encounter him, is to come face to face with a picture of God.

Farm Calendar



Saturday, May 2

Penn State Dairy Exposition, University Park.

Adams County Fruitgrowers' Apple Blossom Festival, South Mountain Fairgrounds, Arendtsville. Continues tomorrow.

Eastern Limousin Breeders show, 10 a.m., sale at 7 p.m., State Fairgrounds, Columbus, Ohio.

Delaware Valley College of Agriculture's A-Day, Doylestown. Concludes Monday.

Egg day, Lebanon Valley Mall, noon to 4 p.m., Lebanon.

Sunday, May 3

PA International Trade Conference, Hershey, Continues Tuesday.

Monday, May 4

PA Farm Equipment Mfgrs. meeting, 5:30 p.m., Sunnyside Rest., Carlisle.

Lancaster beekeeper twilight meeting, 6:30 p.m., Kauffman's Orchard, Rt 340, two miles east of Bird-in-Hand.

Tuesday, May 5

Franklin County Conservation District meeting, 7:30 p.m.,

(Turn to Page A12)

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Control Johnsongrass

A weed that is showing its ugly head the last several years is Johnsongrass. One of the good times to help eliminate Johnsongrass from a field is in the spring before it is planted to corn. However, the corn planting should be delayed until after May 20 in order to do much good. If you work Eradicane into the soil with several discings, it will prevent Johnsongrass from growing. If it is done early in the spring, the material will not be effective because the Johnsongrass is not far enough along. Fields in winter grain can be treated after grain harvest. Wait until the grass grows several feet high and then spray with materials such as Roundup. If you don't stop Johnsongrass now, it will take over a field in a few years.

To Use Pest Control on Corn

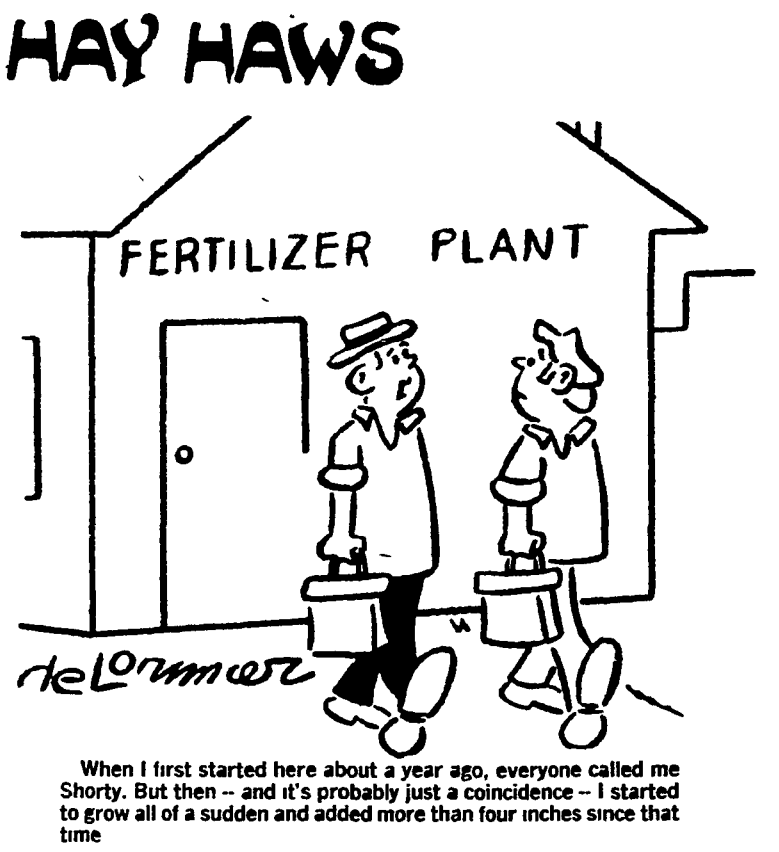
Planting the 1981 corn crop is just about ready to get underway. There are many important practices to planting a corn crop, but one that should not be overlooked is the application of an insecticide in the row at planting time to control corn rootworm. Fields that have been in corn for a number of years are more likely to carry the rootworm infestation.

It is very important to apply the right material at the proper time. Check the 1981 Agronomy Guide for detailed information. If you do not have a copy, give us a call or drop us a card and we will send you a copy. Be sure to follow the label instructions for application rates.

To Think Ryelage

Many farmers plant rye as a forage crop for their cattle. Our dairy agent, Glenn Shirk, reminds us that rye can provide a lot of much needed high-quality forage - if it is handled properly. For top quality feed value, rye should be cut around the boot stage of maturity, and wilted before ensiling. After this stage, feed value

(Turn to Page A 12)



When I first started here about a year ago, everyone called me Shorty. But then -- and it's probably just a coincidence -- I started to grow all of a sudden and added more than four inches since that time

Reap between the lines.

Look how much more alfalfa you can save with an extra week of protection-from Furadan®.

In its fourth week of regrowth, your alfalfa adds nearly 20% of its total tonnage. Or it can lose as much as 80% of total tonnage to insect attack.

Yet other insecticides, sprayed on stubble, don't protect your alfalfa through that crucial fourth week before cutting.

Only Furadan gives you an extra week of protection.

Systemic protection against potato leafhoppers, blotch leafminers, snout beetles (in New York), alfalfa weevils, grasshoppers, pea aphids and lygus bugs.

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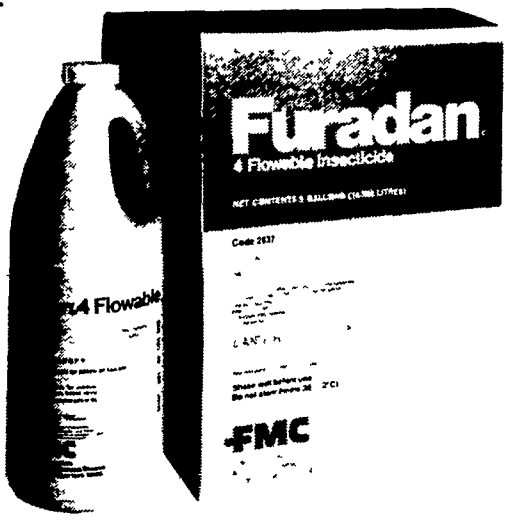
Get all the high quality hay your field can produce. Get the extra protection of a true systemic insecticide for alfalfa. Get liquid Furadan. It's easy to apply. (You can even tank mix it with fertilizer.) And when you put it down on stubble, you don't have to worry about wheel marks.

You can now apply Furadan 4 Flowable as often as twice per season. Check the label for application instructions. And find out what a difference our extra week makes. Ask your chemical supplier for Furadan. From FMC Corporation, Agricultural Chemical Group, 2000 Market Street, Philadelphia, PA 19103.



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Four Weeks Growth

Three Weeks Growth

Survey shows '80 hog market numbers hit 10-year high

KANSAS CITY, Mo. — The highest number of hog transactions in 10 years, and its effect on the entire red meat economy, was a key element emerging from an annual study done for Livestock Marketing Association.

The study, which measures each time the ownership of a head of livestock changes hands, showed last year's transaction volume for hogs was 119.2 million head, up sharply from the 1979 figure of 110.5 million head

Last year's hog volume figure was the highest since the 1971 figure of 121.4 million head.

The increasing hog volume figure had a predictable impact on the value of those transactions. Last year's hog value was $9.4 billion, down from 1979's $9.5 billion.

The 1980 livestock transaction value figure — which includes cattle, calves, hogs and sheep — was $53.6 billion, down from 1979's record $56.3 billion.

The 1980 value figure was posted on a total volume of 238.5 million head, up sharply from the 229.4 million head in 1979.

The cattle and calf volume figure last year was 106.4 million head, unchanged from 1979. The pressure of the increase hog volume, however, showed up in the prices received for the cattle, resulting in a 1980 value total of $43.5 billion. This was down from the 1979 value figure of $46.1 billion.

The per head value of cattle and calves in 1980 dropped to $409, down from $433 per head in 1979. The per-head hog value last year was $79, down from 1979's $86.

The study is done for the Kansas City-based Trade Group by Allen Enterprises, Topeka, Kan. The study's unit of measure is the livestock merchandising transaction, defined as the transfer of title on one head of livestock.

Animals sold more than once during the year are included as more than one transaction, and the value is the dollar amount of all transactions.

LMA officials said that the survey recognizes that most livestock are merchandised more than once during their lifetimes. Surveying each transaction results in a more realistic picture of the nation's total livestock commerce than the industry's usual inventory or slaughter figures.

Other highlights from the 1980 survey:

The merchandising turnover rate, or the number of times the average head changes ownership, shows that the increased volume figure came from more livestock being marketed, rather than simply more marketings per head. The turnover rate for cattle and calves was 1.91, virtually unchanged from 1.92 in 1979; the corresponding figure for hogs was 1.19, versus 1.18 in 1979.

Livestock and meat value of commerce — which includes cattle, hogs, sheep, beef, pork and lamb — was $96.7 billion, up from $89.5 billion in 1979.

The transaction value for sheep was $0.7 billion, unchanged from 1979, while the transaction volume posted an increase for the first time in several years, at 12.9 million head. The 1979 volume figure was 12.5 million head. Sheep marketings last year were nearly equal to the 1976 figure of 13 million head.

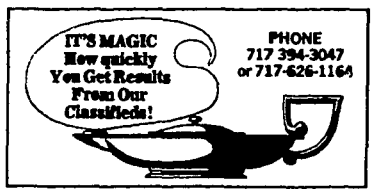
The percentage of cattle, calves and hogs slaughtered which were sold by marketing firms remained unchanged from 1979. The cattle and calf figure was 66 percent, and the figure for hogs was 19 percent.

The trend toward livestock traveling under 100 miles from marketing point to destination continued. Last year 68.4 percent of feeder cattle, 79.7 percent of butcher cattle, 83.5 percent of butcher hogs, and 87 percent of all feeder pigs traveled under 100 miles. The figure was up over 1979 for all classes except feeder pigs, which was down less than one percent from 1979.

The value of horse transactions was up sharply to $1.04 billion, from $837.8 million in 1979. The volume total was 1.023 million head, down from 1.05 million head in 1979.

For 1981, the study projects that the volume of cattle transactions will be up, while hog marketings will decline. The total livestock volume should be 232.6 million head, and should produce a value figure of $55.0 billion.

The per head value this year for cattle and calves should rise $5 to $414, while the corresponding figure for hogs should be $84, also up $5.



Farm Calendar

(Continued from Page A10)

County Administration Bldg

Dutch Country Dairy Goat Club, 7 p.m., Lancaster Farm and Home Center

Governor to proclaim May egg month, 11 a.m., rotunda area of capitol bldg.

Wednesday, May 6

Lancaster Conservation Dist. Board meeting, 7:30 p.m., Farm and Home Center,

Thursday, May 8

PA Egg Marketing Assn. meeting, Sheraton, Conestoga, 6 p.m.

Saturday, May 9

Berks Cty Sheep and Wool Growers Annual meeting, Berks County Ag Center, Leesport

Now Is The Time

(Continued from Page A10)

drops rapidly. Some of our rye fields have already started to head out! That means we should be thinking about cutting rye, perhaps even before we start planting corn.

To Be Alert for Termites

The subterranean termite is the termite that feeds on, and damages structural wood in the house and other buildings. It is called the subterranean termite because the colony nests in the ground and builds earthlike or subterranean tubes from the ground to the wood.

Sometimes these tubes can be seen when they rise from the ground and go up the outside of the concrete block or the wooden uprights in the basement. Most of the time these subterranean tubes cannot be seen because they may rise in between the block.

It is usually in the spring that the winged forms of termites begin to fly around the house. The winged termites are black in color with translucent wings and are about one-half inch long.

Many people confuse them with winged ants. The way you can tell the difference, is that the termite has a broad waist whereas the ant has a narrow wasp-like waist.

Termites are controlled by treating the soil around the foundation with soil insecticides.

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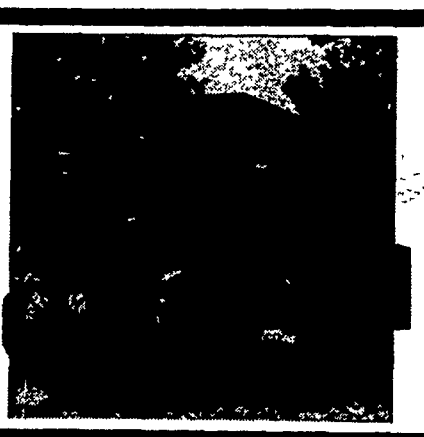

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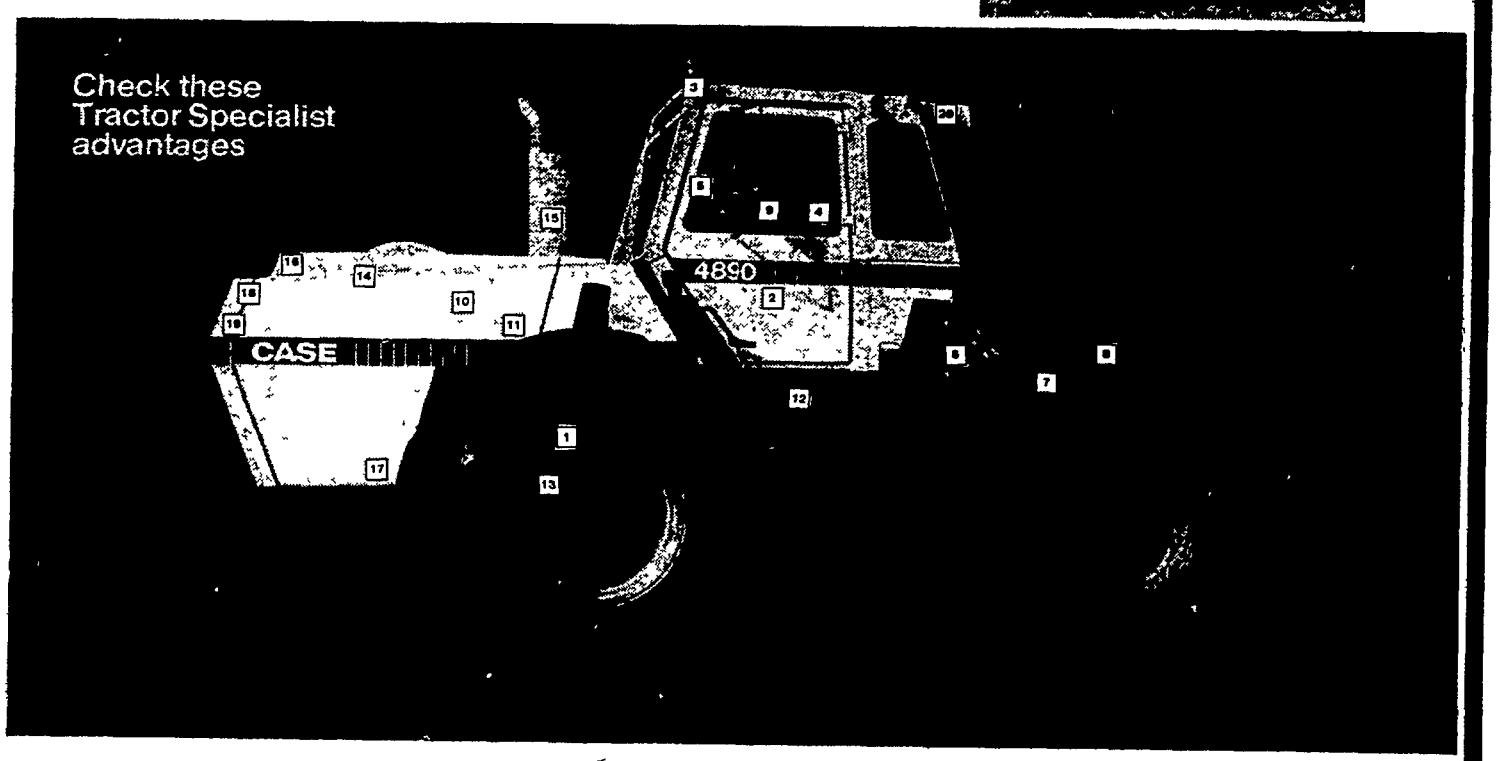

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3 **Up to eight optional lights** . roof or fender mounted
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5 **Tilt/telescope steering wheel** helps you avoid fatigue on the job
6 **Removable rear deck** for easy service access a good place to stand
7 **Optional Category III 3 point hitch** Optional quick coupler
8 **Optional 1000 RPM independent PTO** Automatic disconnect when engine is turned off
9 **Control console.** Steering selector and rear wheel steering rocker switch Hydraulic remote levers and flow control knobs
10 **Case CON TROL hydraulics.** Pressure/flow compensated Closed center with charging pump
11 **Range power shift transmission.** 12 speeds—22% faster transport speeds Easier shifting
12 **Fuel tanks.** Dual saddle mounted 150 gal (586 L) total Low center of gravity
13 **Outboard planetaries** add weight where it s needed Wheel treads are adjustable in 2 in. (50.8 mm) increments
14 **Sound suppressed turbo diesel engine.** 6-cylinder 674 cu in (11 L) 2200 RPM High torque
15 **Seasonal servicing** air cleaner Aspirated muffler efficient dirt and dust removal
16 **Elevating hood** is easy to lift provides easy service access
17 **Front frame extension** for increased serviceability
18 **Extra large cooling system.**
19 **Up-front halogen lights.** Improved lighting
20 **Cab air filter** is self purging Change and inspect outside of the cab

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Livestock market and auction news

Leesport Auction

Wednesday, April 29
Report supplied by PDA

CATTLE 422. Supply included 125 head feeder cattle. Compared with last Wednesday's market, slaughter steers & cows uneven, mostly steady to weak. Slaughter bulls steady to $1 lower. Choice 935-1225 lb. slaughter steers 63.50-64.75, Good & choice 1300-1550 lbs. 56.10-59.60, Good 60.00-63.60, few holsteins 55.25-59.00, Standard 53.50-59.75, Utility & Low Standard 51.75-53.50. Few Choice 940-1235 lbs. slaughter heifers 58.00-63.25, few Good 55.50-56.25. Utility & Commercial slaughter cows 45.00-47.00, few to 47.75, Cutters 44.00-47.00, few to 49.00, Canner & Low Cutter 40.00-44.00, Shells down to 37.00. Good slaughter bullocks 58.50-60.00, few to 65.50, Standard 53.50-57.25. Yield Grade #1 1300-2235 lbs. slaughter bulls 54.35-58.50; yield grade #2 850-1150 lbs. 46.75-52.75. Few Medium & Large #1 400-550 lbs. feeder steers 60.00-74.00, Large Frame #2 330-450 lbs. 55.00-59.50, few 600-750 lbs. 51.50-55.50, 800-950 lbs. 48.00-50.00; Medium Frame #1 380-465 lbs. feeder heifers 50.00-59.00; Medium Frame #1 300-475 lbs. feeder bulls 60.00-64.00, 550-750 lbs. 52.00-57.00, few Large Frame #1 565-800 lbs. 54.50-57.00, Large Frame #2 535-825 lbs. 45.00-51.00.

CALVES 120. One Prime vealer at 120.00, few Choice 104.00-106.50, Good 85.00-100.00, few Standard & Good 90-115 lbs. 70.00-72.50, few 75-85 lbs. 69.00-70.00. Farm calves, holstein bulls 90-140 lbs. 84.00-105.00; holstein heifers 95-135 lbs. 135.00-192.00.

HOGS 295. Barrows & gilts $1.25 to $1.50 lower. US No. 1-2 200-235 lbs. barrows & gilts 40.75-41.35, No. 1-3 190-250 lbs. 39.75-40.75, No. 2-3 250-295 lbs. 38.00-40.25, No. 1-3 155-190 lbs. 37.75-39.50. Sows weak to $1 lower. US No. 1-3 300-500 lbs. sows 35.75-38.00. Boars 31.00-36.50.

FEEDER PIGS 171. Few US No. 1-3 15-20 lbs. feeder pigs 63.00-69.00 cwt., No. 1-3 35-55 lbs. 52.00-74.00, No. 1-3 55-85 lbs. 44.00-54.00, few No. 1-3 115-125 lbs. 43-45 Cwt.

SHEEP 35. Good & Choice 25-40 lbs. spring slaughter lambs 66.00-69.00, one at 81.00; few Good & Choice 90-100 lbs. wooled slaughter lambs 44.00-51.00. Slaughter sheep 19.00-27.50.

GOATS 12. Few Adult goats 29.00-42.00 per head, few small kids 11.00-27.50 per hd.

Belknap Livestock Auction

April 29

CATTLE 73. (PDA). Compared with last Wednesday's market; few Good & Choice slaughter steers 58.25-62.75, few Standard 55.00-57.00. Few Good & Choice slaughter heifers 54.75-58.00, few Standard 47.00-52.00. Few Utility & Commercial slaughter cows 43.00-45.50, few No. 4-5 38.00-41.75, Cutters 41.50-45.00, Canner & Low Cutter 36.75-42.00. Few Good slaughter bullocks 56.75-59.00, Standard 47.50-54.50, few Utility 44.50-46.75. Few Yield Grade #1&2 1320-2095 lbs. slaughter bulls 51.75-54.00. Medium Frame #1 505-670 lbs. feeder heifers 45.25-59.00.

CALVES 67. Prime (one) at 111.00, few Choice 90.00-95.00, few Good 74.00-89.00, Standard & Good 90-120 lbs. 60.00-74.00, 65-85 lbs. 50.00-65.00, few Utility 50-75 lbs. 32.00-44.00. Farm calves, few holstein bulls 90-115 lbs. 70.00-84.00; couple holstein heifers 100-110 lbs. 112.50 and 129.00; beef cross bulls & heifers 75-150 lbs. 85.00-107.00.

HOGS 216. US No. 1-2 215-240 lbs. barrows & gilts 42.50-42.90, lot 43.30, No. 1-3 200-250 lbs. 41.40-42.80, No. 2-3 220-255 lbs. 40.00-41.40. US No. 1-3 295-535 lbs. sows 33.50-39.50. Boars 23.75-31.25.

FEEDER PIGS 50. US No. 1-3 25-35 lbs. feeder pigs 21.00-29.00 per head.

SHEEP 35. Lot Choice 90 lbs. spring slaughter lambs 63.00, few 130-135 lbs. wooled slaughter lambs 45.00. Slaughter ewes 11.50-25.00.

Joliet Cattle

Thursday, April 30

CATTLE: Friday through Wednesday's salable receipts 3,300; 5 days last week 4,024, same period a year ago 3,113. Trading moderate for the week. YG 2 & 3 slaughter steers ended the week mostly 3.00 higher; YG 4 & 5 steers 2.00-2.50, instances 3.00 higher. Slaughter heifers ended the week mostly 2.50 higher. Cows ended the week 1.00 lower.

SLAUGHTER STEERS: Mixed high Choice and Prime 3-4 1150-1400# 66.00-67.25 Monday; 68.00-69.00 Wednesday; YG 3-4, few 5, 1150-1400# 64.00-66.00 Monday; 67.00-68.00 Wednesday. Choice 2-4 1000-1350# 66.50-68.00, load 68.25, 2 loads 68.50 Monday; 67.50-69.00, few 69.25; 2 loads 69.50 Wednesday. Mixed Good and Choice 2-3 1000-1250# 65.00-66.75 Monday; 66.50-67.75 Wednesday. Load Choice 2-3 1600# Holsteins 60.50 Monday; load Mixed Good and Choice 2 1285# Holsteins 58.00 Monday.

SLAUGHTER HEIFERS: Choice & Mixed Choice and Prime 2-4 900-1150# 65.50-66.75, load 67.00 Monday; 65.50-66.75, 1 loads 67.25, 1 load 67.50 Wednesday. Mixed Good and Choice 2-3 800-1000# 64.50-65.75 Monday; 64.00-65.50 Wednesday.

COWS: Utility, few Commercial, 1-2 43.00-46.00 Monday; 43.00-45.00 Wednesday; 42.00-44.00 Thursday. Cutter 40.00-43.00, Monday & Wednesday; 40.00-42.00 Thursday.

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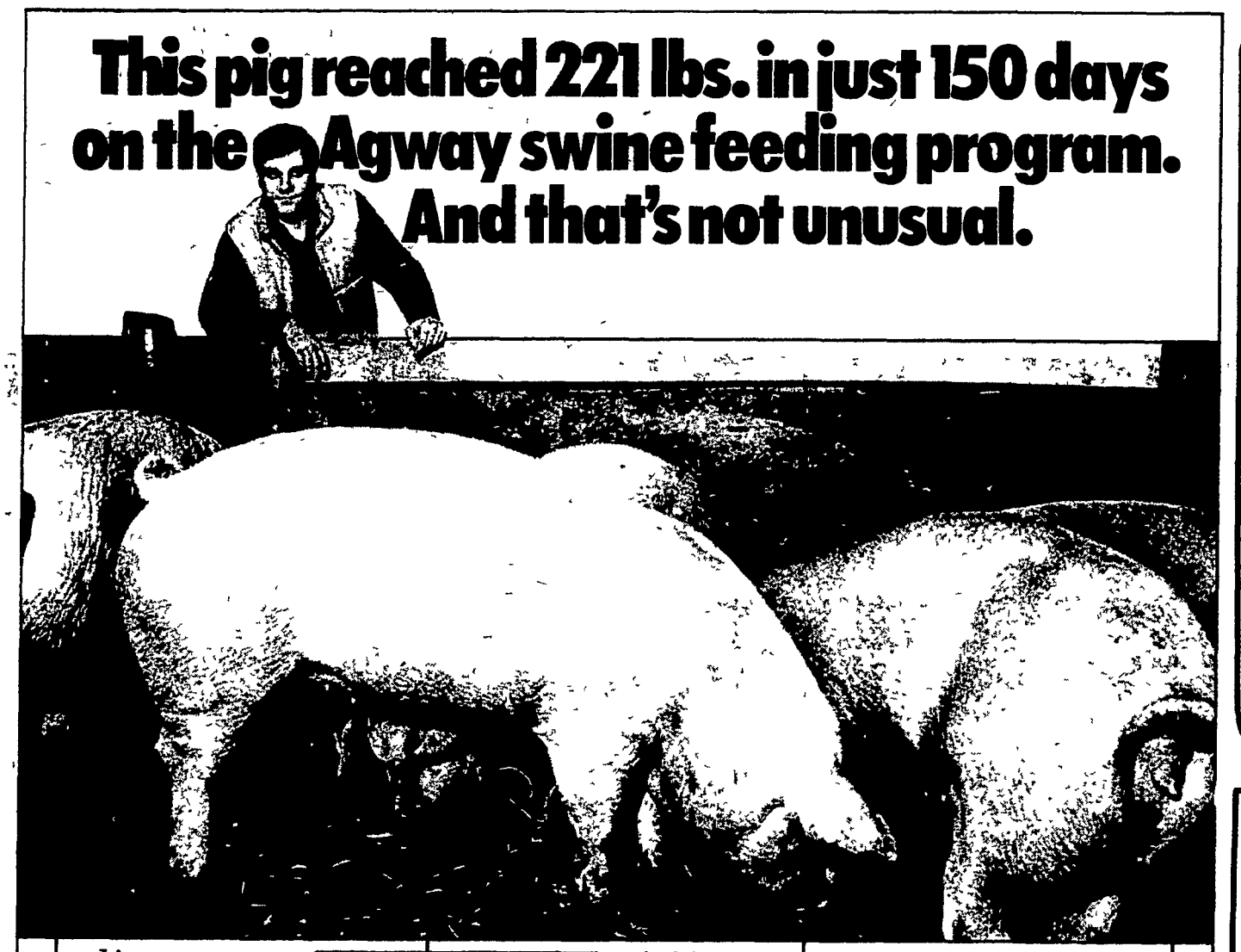

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COMPLETE AGWAY SWINE FEEDS	% Protein	% Fat	% Fiber
Squealer Pellets (MX)	18	4 0	3 0
Pig Starter Pellets (PT-MX)	18	3 5	4 5
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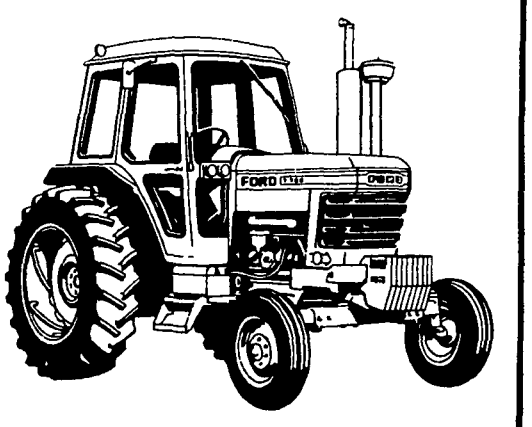

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Livestock market and auction news

Lancaster Weekly

(Continued from Page A2)

48.00, Canner and low Cutter 38.50-42.50.

BULLOCKS: Choice 1000-1350 lbs. 56.50-61.00, few early part of week 61.00-62.60; Good 1000-1250 lbs. 52.50-58.00.

BULLS: Yield Grade 1 1400-2100 lbs. 54.50-59.75, several early part of week 59.75-63.00, few 63.00-67.00; Yield Grade 2 1000-1450 lbs. 50.00-56.00.

VEAL CALVES: Vealers mostly steady. Demand good for calves returned to farm with around 70 per cent of the 85-120 lb. holstein bulls and heifers sold this way.

VEALERS: few High Choice and Prime 250-300 lbs. 112.00-117.00; Choice 140-260 lbs. 100.00-115.00, few 115.00-119.00; high Good and low Choice 125-250 lbs. 75.00-90.00, few 90.00-103.00, 90-120 lbs. 60.00-75.00, few 60-85 lbs. 55.00-70.00.

RETURNED TO FARM: Bulk 90-125 lb. holstein heifers 95.00-175.00, with around 100 head 175.00-200.00; bulk 90-125 lb. holstein bulls 98.00-115.00, few 115.00-122.00.

Oklahoma Cattle

Thursday, April 30
Report supplied by USDA
Thursday Feeder Cattle Auction And Weekly Summary

Estimated Receipts	7000
Same Day Last Week	4053

Wednesday's sale totaled 13,227 head. Slow, Feeder Cattle over 500 lb. .50 cents to 1.00 lower, instances 1 50 off; offerings under 500 lb. weak to .50 cents lower. Materially expanded receipts due to lack of precipitation in the immediate marketing area coupled with the sharply lower trends in future trading proved to be the influencing factors contributing to the sharply lower trends in the cash market locally. Majority receipts Medium Frame No. 1 & Mixed No. 1-2 400-800 lb. Feeder Steers & 400-700 lb. Feeder Heifers including several shipments of Cattle in moderate to very fleshy condition. Moderate attendance.

FEEDER STEERS: Medium Frame No. 1 few 347-431 lb. thin 80.00-84.25, package 424 lb. at 74.75, 500-600 lb. 66.50-69.25, thin offering 520-550 lb. 73.00-77.00; 600-700 lb 65.70-67.30; 700-800 lb. 64.10-65 80; 800-900 lb. 63.90-65 20.

Large Frame No. 1 lot 705 lb. at 64.75; 800-1035 lb. 62.10-64.60. Medium & Large Frame No. 1-2 few 420-470 lb. 67.00-78.00; 570-700 lb. 63.90-66.60; 700-800 lb 64.50-65.20. Large Frame No. 2 Holsteins: Few 600-700 lb 57.25-58.00; 700-850 lb. 54.50-56.90.

FEEDER HEIFERS. Medium Frame No. 1 part load 321 lb. 72.50; 400-500 lb. 61.50-64.60, part load thin 409 lb. 70.25; 500-600 lb. 59.00-61.60; lot 558 lb. thin 62.60; 600-700 lb 59.20-60.90, lot 657 lb. thin 62.20; 700-800 lb. 58.70-61.20; few 810-830 lb. 57.40-59.90. Medium & Large Frame No. 1-2 400-500 lb 60.70-61.80; 500-700 lb. 58.30-60.70 Medium & Large Frame No 2 package 550 lb. 59.05; 600-780 lb 55 75-57.60; package 811 lb. 53.25.

FOR THE WEEK: Compared to late last week, Feeder Cattle and Calves 2.00-3.00 lower with all weights and grades sharing in the declines. Slaughter Cows in good demand and .50 cents to 1.00 higher, late sales Utility & Commercial 2-3 44.00-46.00, high dressing offerings 47.25-48.50, low dressing and yield grade 3-4 40.50-42.00, lot yield grade 5 39.75, few Cutter 1-2 40.00-44.00; Canner & Low Cutter 38.75-39.00. Slaughter Bulls near steady, yield grade 1-2 1000-1500 lb. 52.50-57.10, 1500-2000 lb. 52.50-60.00. Salable receipts totaled near 23,900 head compared to 14,038 last week. The majority of fully 94% of the receipts consisted of Feeder Cattle and Calves, Cows and Bulls comprised 6% of the total supplies.

Omaha Cattle

Thursday, April 30
Report supplied by USDA

Weekly 51 - Cattle - Through midweek Slaughter Steers and Heifers 2.00-2.50 higher. Cows 1.50-2.00 lower. Bulls 1.00 lower.

Four Day Receipts 14214, Last Week 14,066 a Year Ago 13,436. Fueled by a broadly higher beef trade and a brisk buyer demand, Steer and Heifer prices climbed to their highest levels in the last eight months; however, buyers turned somewhat cautious at midweek as a weak tone prevailed in the carcass market. While the percentage of offerings displaying yield grade 4-5 tendencies was on the decline, best interest still centered on cattle producing yield grade 2-3 carcasses. This was the sixth consecutive week of higher weekly market trends; a period in which the top price of Steers on the Omaha Market rose from 63.00 in the first week of April to 70.15 during the current session.

Steers made up 43 pct of five day receipts, heifers 31 pct., cows 7 pct., feeders 17 pct.

STEERS: At midweek load Choice, some Prime mostly 3 1225 lbs. 70.15. Load and several part loads some grade 1125-1275 lbs. 70.00. Choice 2-4 1050-1350 lbs 68 50-69 50. Choice, some Prime 3-4 1200-1400 lbs. 67 00-68.50. Few lots Choice, some Prime 4, end 5 1325-1450 lbs. 64.00-64.50. Mixed Good and Choice 2-3 1000-1250 lbs. 67.00-68.50. Few Good 64.50-66.50 Few lots Mixed Good and Choice 2-3 and Good Holsteins 1250-1400 lbs. 59.00-61.50.

HEIFERS Load Choice 2-3 1206 lbs. 68.25. Part load same grade 1000 lbs. 68.00. Choice 2-4 900-1150 lbs. 66.50-67.50. Mixed Good and Choice 2-3 900-1050 lbs. 65.00-66.75. Good 63.00-65.00.

Average of LS-214 detailed quotations for Choice 900-1100 lb. Steers 68.90, 1100-1300 lbs 69.12. Average cost Steers this week 68.03, average weight 1182 lbs. as compared 65.99 and 1187 lbs. a week ago. Average cost Heifers this week 65.82, average weight 1036 lbs. as compared 64.45 and 1032 lbs. a week ago.

COWS: High Cutter, Utility and Commercial 1-3 42.00-42.35. Canner and low-Cutter 40.00-42.00.

BULLS: Few 1-2 1200-1800 lbs. 52.00-53.00, individual 1 56.00.

Western Maryland Livestock

Westminster, Md.
Tuesday, April 28
Report supplied by auction

BUTCHER COWS: $.50-$1.00 higher. High Yield 47.75-49.50; Standard & Utility 44.50-47.50; Canners 42.00-45.00; Shelly 43.00 Down. Bulls Large run, Top 2150 lbs. at 62.85; Good 1000-1500 lbs. 53.00-57.00. Steers Low Choice 1000-1150 lbs. to 61.00; Good 56.00-59.00. Heifers One to 64.00. Several 59.00-62.00; Good 55.00-58.50.

BUTCHER HOGS: Light run. US #1 & 3 195-210 lbs. 40.00-40.25; 250-290 lbs. 34.25-37.00. SOWS US 1&2 250-600 lbs. 37.75-38.85; US 1&3 34.00-37.00. BOARS 350-550 lbs. 30.75-31.50.

VEAL CALVES: Active higher prices on all classes. Good & Choice 93.00-104.00; 1 at 114.00; Standard 75.00-90.00; Stocky & Thin 55.00-75.00. Killers 80-100 lbs. 65.00-73.00; Weak & Rough 65.00 Down.

CALVES RETURNED TO FARM: $5 higher. Holstein Heifers Few offered. Holstein Bulls Bulk 95-115 lbs. 80.00-95.00; Few to 100.00; Beef Type Good demand, 75-100 lbs. 80.00-94.00.

STOCK CATTLE: Large run, prices steady. Steers 300-500 lbs. Choice 68.00-72.00; Good 60.00-68.00; Med. 56.00-60.00; 500-700 lbs. Choice 64.00-73.00; Good 57.00-64.00; 700-900 lbs. Choice 59.00-61.25; Good 54.00-59.00. Heifers 300-500 lbs. Choice 60.00-64.00; Good 55.00-60.00; Med. 50.00-55.00; 500-700 lbs. Good & Choice 48.00-56.00. Bulls 300-500 lbs. Choice 65.00-70.00; Good 59.00-65.00; 700-950 lbs. Good to 54.75; Med. 45.00-50.00.

PIGS AND SHOATS: Good run, prices $5 higher. By the Head 15-30 lbs. 20.00-23.00; 30-60 lbs. 21.00-36.00; 60-100 lbs. 25.00-39.00; By the Lb. 100-175 lbs. Bulk 30.00-36.00; St. Boars 200-280 lbs. to 29.50.

Carlisle Auction

Carlisle, Pa.
Wednesday, April 29
Report supplied by auction

CATTLE: STEERS: Good 58.00-61.00; Standard 52.50-59.25; Utility 46.00-53.00. HEIFERS: Good 57.00-60.25; Standard 48.00-53.50; Utility 40.00-47.50. COWS: Utility & Commercial 44.60-46.00; Ind. 49.00; Cutter 42.75-44.50; Canner & Low Cutter 38.00-43.00; SHELLS down to 34.00. BULLOCKS: Good 50.00-55.50. FEEDER STEERS: 56.00-72.00; CATTLE HEIFERS: 55.00-59.00. BULLS: 56.00-72.50.

CALVES: VEALERS: Choice 90.00-95.00; Good 70.00-87.50; Standard & Good 65.00-75.00.

FARM CALVES: Hol. Heifers 150.00-192.50. HOGS: Barrows & Gilts US No. 1-2 40.60-42.75; US No. 1-3 37.25-40.50; US No. 2-3 32.50-38.00. SOWS: US No. 1-3 35.00-38.50; No. 2-3 33.00-36.00. Boars 31.50-32.75.

FEEDER PIGS: US No. 1-3 14.00-22.00; No. 1-3 24.00-34.00.

SHEEP: LAMBS: Good 69.00-73.00.

New Holland Dairy

New Holland, Pa.
Wednesday, April 29
Report supplied by auction

Reported receipts of 54 cows, 29 heifers, and 4 bulls. Market steady.

Load of Pa. fresh cows, 695.00-975.00, springers 900.00-1200.00; Load of W. Pa. springers, 720.00-1170.00; Load of N.Y. fresh cows, 1425.00-1675.00, springers 1425.00-1600.00.

Locally consigned cows 600.00-1400.00; Springing heifers 750.00-1150.00; Open heifers 395.00-590; Bulls 310.00-520.00.

Belleville Auction

Wednesday, April 29
Report supplied by PDA

CATTLE 103. Compared with last Wedneday's market, slaughter cows 50 cents-$1 lower. Individual Standard slaughter steer at 53.50. Few Utility and Standard slaughter heifers 50.75-53.75. Utility and Commercial slaughter cows 42.75-45.75, couple 46.75, Cutters 41.50-44, few Canner and Low Cutters 35.60-40.25. Few Yield Grade #1, 975-995 lbs. slaughter bulls 43.60-47, few 1100-2165 lbs. 52.60-57.50.

CALVES 145. Individual Choice vealer at 92.50, few Good 64.00-79, Standard and Good 70-95 lbs. 55.00-62. Farm Calves: Hol. Bulls 85-125 lbs. 65.00-94; Hol. Heifers 90-130 lbs. 112.50-167.50.

HOGS 321. Barrows and gilts steady. US No. 1-2 2-230 lbs. barrows and gilts 40.85-41.85, lot 42.00, No. 1-3 2-250 lbs. 38.10-40.50, No. 1-3 180-190 lbs. 36.50-37. Few US No. 1-3 350-475 lbs. sows 33.00-38. Few Boars 24.25-30.75.

FEEDER PIGS 316. US No. 1-3 20-35 lbs. feeder pigs 19.00-27 per head, No. 1-3 35-50 lbs. 25.50-35.50, No. 1-3 60-85 lbs. 35.50-41.50 per head.

SHEEP 32. Choice 65-100 lbs. spring slaughter lambs 66.00-73, Good and Choice 40-60 lbs. feeders 44.00-53. HOLSTEIN DAIRY COWS $950-$1400 PER HEAD. COUPLE to $2125.

Feeder Cattle Sale

Harrisonburg, Va.
Tuesday, April 21
Report supplied by VDA

There were 1660 head sold. All cattle were graded by Representatives of the VDACS's Division of Markets, Livestock Section on USDA standards and sold by the hundredweight.

STEERS: 400-500 lbs. Medium 1 80.00; Small 1 70.50-80.00. 500-600 lbs. Medium 1 70.50-78.50; Small 1 73.00-73.50; Med. & Large 2 66.50-77.00. 600-700 lbs. Medium 1 66.50-71.00; Large 1 70.00-72.00; Small 1 60.00-62.75; Med. & Large 2 61.50-63.00. 700-800 lbs. Medium 1 61.25-66.50; Large 1 61.00-65.50; Small 1 59.75-61.25; Med. & Large 2 60.50-62.75. 800-900 lbs. Medium 1 61.00-64.50; Large 1 63.50-64.75. 900-1000 lbs. Large 1 62.25-63.50.

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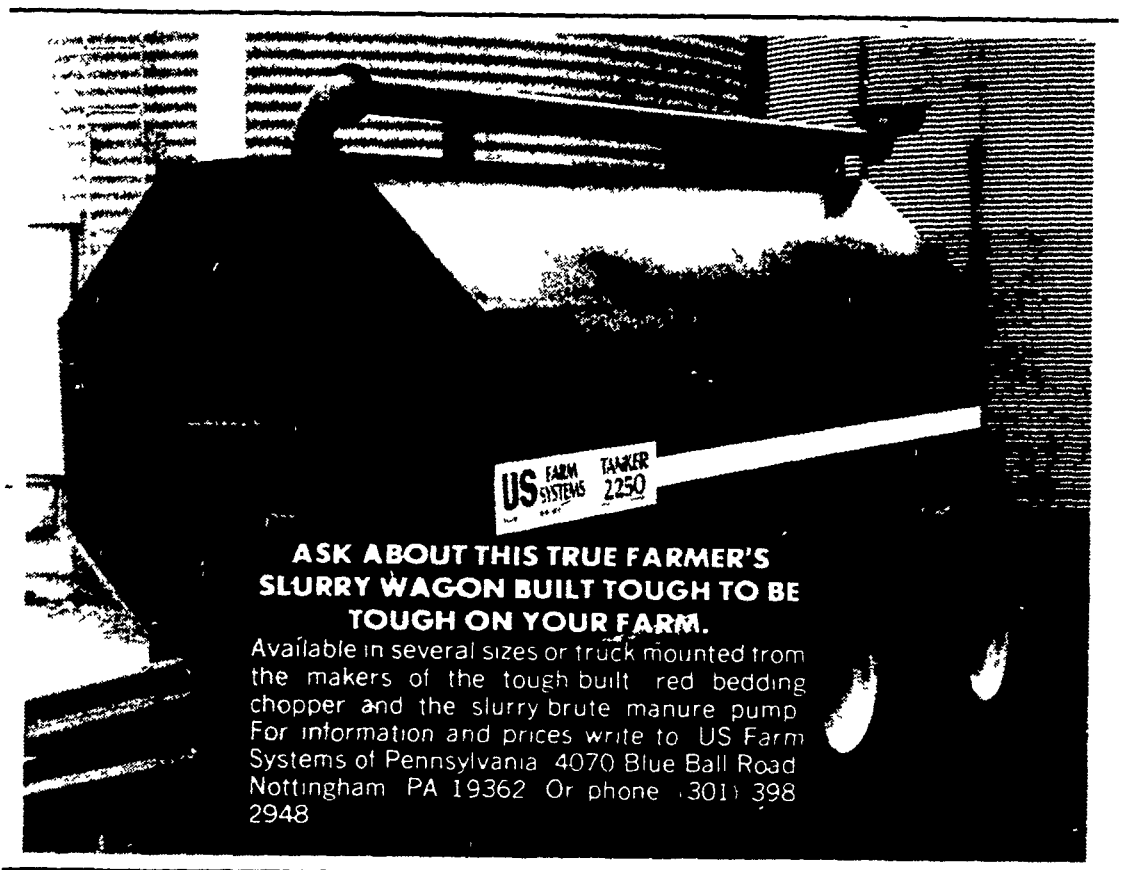

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7580	$2500	$2000
8550	$3500	$3000

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UNIVERSITY PARK — Studies a few years ago at Penn State showed that wood pulp fines, by-products of making tissue paper, could partially replace forage and grains in feeding livestock.

Now economists at University Park have determined that savings in feed costs can be as high as 35 per cent by using these wood pulp fines.

The latest studies were reported during meetings of the American Agricultural Economics Association at the University of Illinois. Donald J. Epp, Penn State economist, described costs and savings in feeding wood pulp fines to calves weighing up to 450 pounds, to stocker steers from 450 to 630 pounds, and to feeder steers of 630 to 1050 pounds.

Epp said the 35 per cent savings are possible with wood pulp fines fed to stocker steers when the hauling distance from pulp mills is no greater than 20 miles.

The potential feed cost savings for feeder steers can be 28 per cent when the distance from paper mills is no greater than 225 miles. And cow-calf operations can save 31 per cent over standard feed costs when the hauling distance is not greater than 100 miles.

Wood pulp fines are readily available in Northeastern Pennsylvania and other areas of the nation where tissue paper is produced, it was noted. Such fines are a waste product from sulfite-based paper mills. Due to the sulfite treatment, the fines are predigested for livestock and make a high energy feed source.

Earlier experiments by Lowell L. Wilson and animal science associates at Penn State revealed that wood fines in steer rations could save as much as 2.1 pounds of grain for each pound of carcass weight gain.

Epp said the net profit of a cow-calf operation can increase by $16.06 per animal where fines partially replace corn. As for feeder steers, fines can increase net profits by $40.14 per head. For a total livestock program, feeding fines can increase net profits by $79.24 per animal, it was pointed out.

"Savings are reduced as the distance needed to haul the fines increases and as the price charged for fines goes up," Epp stated. "Savings increase as the price rises for corn and other conventional feeds," he added.

He said the paper mill in the study has sold fines to farmers for 2.00 per ton. The study adjusted costs of fines from $4 per ton potentially paid to farmers for removing waste fines, to $4 per ton charged for fines. Costs of hauling were figured at 5, 10, and 15 cents per ton-mile.

"Even the highest price and transportation costs, there is an area of considerable size around a paper mill where farmers would find it economical to feed fine-based rations to cattle," Epp commented.

Penn State feeding experiments revealed that steers can be fed up to 40 per cent of the dry matter as fines with satisfactory gains and no adverse effects on carcass traits. Lambs can be fed up to 66 per cent of the ration dry matter as fines with no detrimental effects on weight gains or carcass traits.

Fines have a high moisture content averaging 75 to 77 per cent moisture. They have a granular appearance similar to soybean meal. Fines store well uncovered outdoors, provided they are not mixed with other feed in ingredients or nitrogen. Fines, and rations containing over 40 per cent fines, will freeze during winter unless protected or stored inside.

Consisting primarily of delignified cellulose, fines are well digested by cud-chewing animals. Despite a high fiber value, they have little or no value as roughage.

Thus, some standard roughage such as hay, 10 to 12 per cent, should be included in rations containing fines, especially where lambs are fed.

Grain intentions up for Pa. growers

UNIVERSITY PARK — Pennsylvania grain producers indicate they will plant approximately, 1,830,000 acres of corn in 1981, up two percent from last year.

However, U.S. corn producers indicated in March planting intentions reports they will plant the same acreage as a year ago. Last year's figure was 84 million acres.

States which are reducing their corn acreage are those hit hardest by the 1980 drought. One state, Missouri, expects corn acreage to be only 83 percent as large as last year's harvest.

Drought reduced the 1980 corn harvest by 18 percent according to H. Louis Moore, Penn State Extension agricultural economist.

In an effort to overcome the loss of income as a result of the drought, producers increased wheat acreage sharply last full. The wheat harvested in late June and July will provide income sooner than corn, which would not be harvested until October-December.

Other producers may decide to produce more soybeans in 1981, feeling soybeans are less susceptible to drought because of their short growing season. Early intentions reports indicate that soybean acreage will probably decline about one percent from a year ago.

Substantial acreage increases for soybeans are expected in Georgia and Nebraska. Pennsylvania producers indicate they will plant ten percent more soybeans in 1981.

Demand from domestic users and ovrseas markets have raised prices almost 30 percent higher than last year's level.

Despite the tight supply situation, corn prices have not been as strong as expected. The carryover of corn on October 1, 1981 is only expected to be about 620 million bushels, compared to 1.6 billion bushels on year ago.

At the current rate of use, this carryover amounts to only a four week supply. If corn prices strengthen in the next month, producers could easily become optimistic about planting more corn this season.

It is known that a crop of approximately 7.7 billion bushels must be produced during the 1981 season to prevent prices from rising to a prohibitive use level by livestock producers. The U.S. has produced corn exceeding 7.7 billion bushels only once, in 1979 when production reached 7.9 billion bushels.

xxx

Although there are hundreds of islands in the Caribbean, only about 50 are inhabited.

Livestock market and auction news

Indiana Auction

Thursday, April 30
Report supplied by PDA

CATTLE: 176. Compared with last week's market: Sl. steers. few Choice 61.25-65.00; couple Good 57.75-60.75; few Standard 53.00-56.50; Sl. heifers: few Choice 61.00-64.50; few Good 57.70-58.25; few Standard 50.00-52.75. Sl. cows: Utility & Commercial 44.50-48.75; Cutters 42.00-46.00; Canner & L. Cutter 38.75-43.00; Shells down to 30.00. Sl. bulls: few Yield Grade No. 1-2 1200-1575 lbs. 49.00-55.25.

FEEDER CATTLE: Steers, few Medium & Large Frame No. 2, 300-650 lbs. 50.00-62.00; Heifers, few Medium & Large Frame No. 1 & 2 300-650 lbs. 49.00-53.00; Bulls Medium & Large Frame No. 2, 400-700 lbs. 45.00-59.00.

CALVES: 84. Few Choice 96-105 lbs. 78.00-94.00; 80-110 lbs. 65.00-70.00.

FARM CALVES: Hol. Bulls 85-120 lbs. 71.00-85.00; Hol. Heifers 80-110 lbs. 85.00-92.50. Beef Cross Bulls & Heifers 75-115 lbs. 74.00-107.50.

HOGS: 102. Barrows and gilts .50-1.00 higher. US 1-2 200-235 lbs. 41.50-43.00; No. 1-3 200-250 lbs. 40.00-41.50; few No. 2-3 250-300 lbs. 36.00-39.00; few No. 1-3 140-180 lbs. 36.00-39.00; Sows US No. 1-3 300-500 lbs. 34.50-38.75; few No. 2-3 250-275 lbs. 31.00-33.00. Boars 29.00-29.75.

FEEDER PIGS 19.

Weekly Summary

Friday, May 1
Report supplied by PDA

CATTLE: 7541. Compared with 6709 head last week, and 7583 head a year ago. Slaughter steers 1.00-1.50 higher; Sl. heifers steady-1.00 higher; Sl. cows uneven, mostly .50-1.00 lower; Sl. bullocks steady to weak; Sl. bulls uneven. Sl. steers: High Choice & Prime No, 3-4, 65.75-68.00; Choice No. 2-4, 63.50-68.50; Good 56.50-63.50; Standard 53.00-56.50. Sl. heifers: Choice 58.50-63.75; Good 55.00-61.00; few Standard 50.00-56.00. Sl. cows: Utility & Commercial 44.50-48.00, few 49.00; Cutters 41.50-47.00; Canner & L. Cutter 38.50-43.50; Shells down to 30.00. Sl. bullocks: few Choice 56.00-61.00; Good 54.00-60.00; few Standard 51.00-56.00. Sl. bulls: Yield Grade No. 1, 1000-2400 lbs. 54.00-58.50, few 61.00; Yield Grade No. 2, 1000-1400 lbs. 51.00-55.50.

FEEDER CATTLE: Steers, Medium Frame No. 1, 300-600 lbs. 56.00-74.00. Heifers, Medium Frame No. 1, 300-625 lbs. 51.00-59.00; Bulls, Medium Frame No. 1, 300-650 lbs. 52.00-60.00; Large Frame No. 2, 400-900 lbs. 45.00-53.00.

CALVES: 2705. Compared with 3137 head last week and 2883 head a year ago. Vealers grading Good & Choice steady to 5.00 lower, Standard & Good grades steady to 10.00 higher. Few Prime 111.00-120.00; Choice 95.00-105.00, few 115.00; Good 75.00-90.00; 90-120 lbs. 65.00-78.00; 70-90 lbs. 55.00-71.00; Utility 50-110 lbs. 50.00-65.00.

FARM CALVES: Hol. Bulls 80-125 lbs. 70.00-105.00, few 115.00; Hol. Heifers 80-140 lbs. 90.00-197.00, few 100.00-170.00; Beef Cross Bulls & Heifers 70-100 lbs. 74.00-107.00.

HOGS: 7803. Compared with 6655 head last week and 8990 head a year ago. Barrows and gilts steady to 1.00 lower. US No. 1-2 200-240 lbs. 40.50-42.50, few to 43.00; No. 1-3 200-250 lbs. 39.00-41.50; No. 2-3 200-275 lbs. 37.00-40.60; No. 1-3 140-190 lbs. 36.50-39.50; Sows steady to 1.00 higher. US No. 1-3 300-575 lbs. 33.00-38.00; No. 2-3 300-650 lbs. 32.00-36.00. Boars 24.00-32.50.

FEEDER PIGS 1108. Compared with 827 head last week and 1947 a year ago. Feeder pigs 1.00-2.00 higher. US No. 1-3 20-35 lbs. 17.50-27.00 per head; No. 1-3 35-50 lbs. 25.00-34.00; No. 1-3 50-75 lbs. 32.00-41.50.

GRADED FEEDER PIGS: 2279. Compared with 2629 head last week, and 2075 head a year ago. All sales by CWT. 1.00-5.00 lower, spots to 12.00 lower on 2-3. US No. 1-2 25-40 lbs. 80.00-95.00, 40-50 lbs. 64.00-88.50, 50-60 lbs. 60.00-86.00, 60-80 lbs. 52.00-71.50; US No. 2-3 25-40 lbs. 67.50-86.00, 40-55 lbs. 64.00-75.00.

SHEEP: 372. Compared with 1419 head last week and 597 head a year ago. Spring sl. lambs uneven. Choice 65-100 lbs. 66.00-81.00; Good & Choice 25-70 lbs. 59.00-69.00. Good & Choice Wooled Lambs (few) 90-100 lbs. 44.00-51.00. Sl. ewes: 11.00-27.00.

Chambersburg Auction

Thursday, April 30
Report supplied by PDA

CATTLE: 407. Compared with last week's market: Slaughter steers about steady; Sl. cows .75-1.25 lower. Sl. steers: Choice No. 2-4, 975-1250 lbs. 60.75-64.75, Good 56.75-60.00; Standard 51.75-56.25. Sl. heifers: Choice 57.00-61.00; few Good 51.00-54.75. Sl. cows: Utility & Commercial 43.25-48.25; Cutters 43.00-47.00; Canner & L. Cutter 40.25-43.75; Shells down to 37.00. Sl. bullocks: few Good 53.85-55.50; few Standard 51.50-52.75. Sl. bulls: Yield Grade No. 1, 1100-1875 lbs. 52.00-59.00.

FEEDER CATTLE: Steers & Large Frame No. 1 & 2 350-700 lbs. 55.00-62.00. Heifers, Medium Frame No. 1, 275-500 lbs. 53.00-61.50.

CALVES: 309. Vealers grading Choice about steady, with Standard & low Good 2.00-4.00 higher. Choice 87.00-100.00; Good 75.00-85.00, 70-95 lbs. 64.00-74.00; Utility 50-85 lbs. 45.00-65.00.

FARM CALVES: 10.00-15.00 lower. Hol. Bulls 85-125 lbs. 75.00-92.00, few 110.00; Hol. Heifers 90-140 lbs. 125.00-170.00.

HOGS: 117. Barrows and gilts about steady. US No. 1-2 210-225 lbs. 40.50-41.00; US no. 1-3 300-500 lbs. 33.50-36.00. Few Boars 30.00-32.25.

FEEDER PIGS 39. Few US No. 1-3 20-25 lbs. 13.00-19.00 per head; one lot No. 1-3 50 lbs. at 34.00.

SHEEP: 13. Spring Sl. lambs one lot choice 100 lbs. at 52.50.

Engineering bacteria may cut nitrogen needs

BELTSVILLE, Md., — Genetically engineered bacteria may be one solution to the increasing demand for food production, L. David Kuykendall, told science writers at a seminar here recently.

Kuykendall, a microbiologist with USDA's Science and Education Administration was referring to the Rhizobium bacteria which change nitrogen into a form that can be used by plants.

In this process, called "nitrogen fixation," Rhizobium form a symbiotic relationship with legumes such as soybeans, lima beans, clover and alfalfa. The Rhizobium live in nodules on the roots of these plants and "fix" inert nitrogen from the air.

Kuykendall told his audience that he is developing techniques for selectively breeding Rhizobium bacteria that will have the traits needed to fix large quantities of nitrogen. Next to water, nitrogen is the nutrient most needed by plants. Farmers annually apply millions of dollars worth of nitrogen fertilizer to their crops.

Kuykendall is also in the process of developing strains of Rhizobium japonicum (the strain of bacteria associated with soybeans) that he expects will be preferred by soybeans grown infields containing indigenous strains of this bacteria. Indigenous Rhizobium occur in most soils and are readily available to legumes.

However, these indigenous bacteria vary widely in their ability to fix nitrogen and thus may influence, to a greater or lesser extent, the production of crops. Large increases in soybean production could result from the development of highly efficient nitrogen-fixing strains that are accepted by soybeans over these already present in the soil.

In order to test the acceptance of the new bacteria by the soybeans, Kuykendall developed a genetically marked strain of Rhizobium. These bacteria have chromosomes genetically "marked" by their ability to resist antibiotics.

The Rhizobium are placed in the field as the soybeans are seeded. The soybeans are dug prior to maturity, the nodules are removed from the roots, crushed and placed in a growing medium containing antibiotics.

If the bacteria grow and multiply, Kuykendall says, this is evidence that the soybeans have accepted the new Rhizobium. If, on the other hand the bacteria die, it is an indication that the soybeans have been nodulated by the less-productive indigenous bacteria susceptible to antibiotics. Kuykendall and his colleague Deane Weber are conducting these field trials.

Kuykendall, with associates in SEA's Cell Culture and Nitrogen Fixation Laboratory, has been able to advance the study of Rhizobium genetics through gene transfer. He has introduced gene-carrying plasmids from unrelated bacteria into Rhizobium japonicum, the Rhizobium that nodulates soybeans. These new genes were sucessuflly transferred between Rhizobium during reproduction.

Kuykendall said the introduction of new genes provides a basis for selective hybridization of the bacteria. New gene combinations are the first step in developing desirable traits for fixing nitrogen.

Kuykendell explained to his audience that although the development of genetically superior Rhizobium requires a lengthy process of identifying and mapping their genes, the final result could mean marked increases in crop production through the use of superior Rhizobium.

Rhizobium that selectively fix large quantities of nitrogen on superior plants would diminish our dependence on expensive nitrogen fertilizers, he said.

Mild winter means more Stewart's wilt

BLOOMINGTON, Ill. — An unusually mild winter in some regions may promote a greater incidence of Stewart's wilt in 1981 corn fields, especially in areas hit by the disease in 1980, says Michael Turner, Funk Seeds International manager of entomology and plant pathology.

"If the corn disease shows up early and at a high enough rate, it can cause significant damage," he says. "One clue to the possible severity of an outbreak is the preceeding winter's weather."

Primary transmitters of Stewart's wilt are black, pinhead-sized corn flea beetles, which carry the bacteria within their bodies during winter. When they come out of hibernation in spring the insects begin feeding on corn plants as well as other corn relatives, opening wounds through which the disease passes.

Turner says a cold winter, or one with a lot of alternate freezing and thawing, results in higher insect kill, thus reducing the damage potential for the following season.

"On the other hand, a mild winter, like the one experienced this year is much of the country, would result in a higher overwintering flea beetle population," he adds.

Chemical control of the insect is not a sure-fire method of combating the disease, Turner says, because flea beetles travel and can spread into the field from nearby weeds and other infested fields.

"Cultural practices which might help reduce infection include rotating corn with another crop, such as soybeans, and plowing down disease-infested debris," Turner suggests.

"The best control of Stewart's wilt comes from using tolerant hybrids, however," he says, "that's been the recommended control method for the last 30 years."

Also called bacterial wilt, Stewart's wilt is a vascular disease which plugs up water-carrying channels of the corn plant. The whole plant may wilt and die, even with plenty of water in the soil.

Characteristic symptoms appear as long, pale green streaks with irregular margins. They develop along the leaf veins throughout the growing season. If infection is severe, streaks join together and entire leaves dry up and die. Light, poorly filled ears may result, lowering yield.

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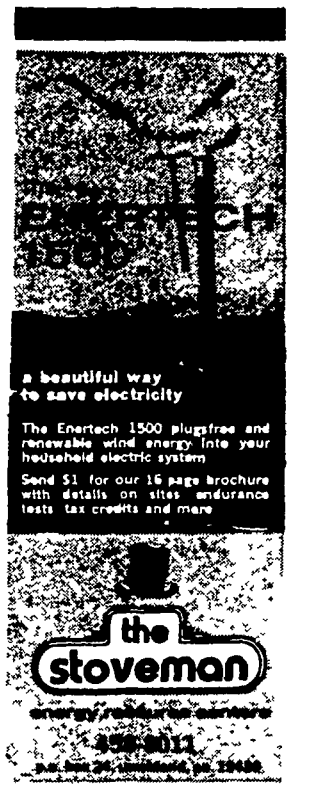
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Hallowell optomistic over end to grain embargo

HARRISBURG — State Agriculture Secretary Penrose Hallowell stated he is optimistic over farm market prospects with the announced end to the embargo on sales of grain to the Soviet Union.

Hallowell said, "We fully support President Reagan's decision to end the embargo. This action fulfills one of the President's campaign pledges and should serve as a signal to farmers that they have a real friend in Washington with secretary of Agriculture John Block."

He noted the timing of the announcement was favorable to Pennsylvania farmers who are currently making final decisions for planting of fall field crops.

"The action was taken in such a manner as to give farmers, grain traders and dealers the time needed to adjust. Because of this consideration, the grain market should not show any sudden adjustments in prices," he said.

The Agriculture Secretary pointed out Pennsylvania farmers were hurt by the embargo.

"Entering 1980, Pennsylvania farmers had surpluses of corn and grain on hand. When markets were lost and prices dropped with the announcement of the embargo, farmers were forced to sell their grain at a lower price," said Hallowell. "Lifting the embargo now should not force an immediate increase in grain prices, but it should be a welcome change from what happened last year."

The 1980 Pennsylvania corn crop totaled 95 million bushels, 20 million bushels less than in 1979, largely due to the summer drought. Hallowell noted Pennsylvania field crops such as corn and wheat are valued at more than $550 million annually.

"Lifting the embargo at this time should give farmers reason for optimism," he said. "They should be able to plant more grain crops this year, and should likewise be in a position to sell more.

"Dairy and livestock farmers should be helped as well, because grain sales to export markets replace surpluses of milk and meat products which were boosted when these grains were used for feed.

"There should not be a significant effect on farmers' grain prices at this time. All indications from the grain markets show very little if any effect on prices since the President's announcement."

Hallowell said lifting the embargo should have a negligible effect on consumers, and noted if anything, consumers could be helped.

"At $4.20 per bushel for wheat, the farmer gets less than five cents for the wheat in a loaf of bread. Even if wheat prices were to double, the effect on the consumer would be minimal," he said.

"On the other hand, lifting the embargo could provide a benefit to the nation by boosting export sales of feed grains," Hallowell added. "It is important that the United States be seen as a reliable source of the world's feed grains — for our farmers and consumers as well."

"Our agricultural exports in 1980 totaled $40.5 billion, and provided a tenth straight year of record agricultural trade surpluses. The favorable balance of trade in agriculture, some $23 billion last year, helps offset hikes in the prices of imports such as mideastern oil, thereby working to curb the rate of inflation at home."

Hallowell said while exports of corn and feed grains were not a major portion of the state's farm export market, sales prospects for domestic grains should be improved by the demand on the international market.

"Enabling our farmers to produce for international needs, and to expand sales in the domestic markets should be a positive force in Pennsylvania's 1981 farm picture," concluded Hallowell.

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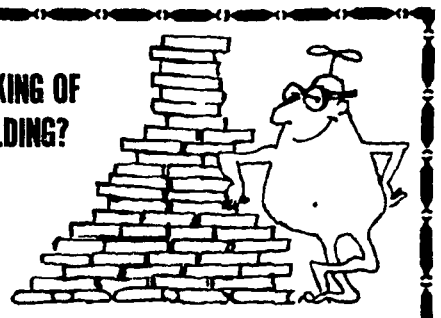

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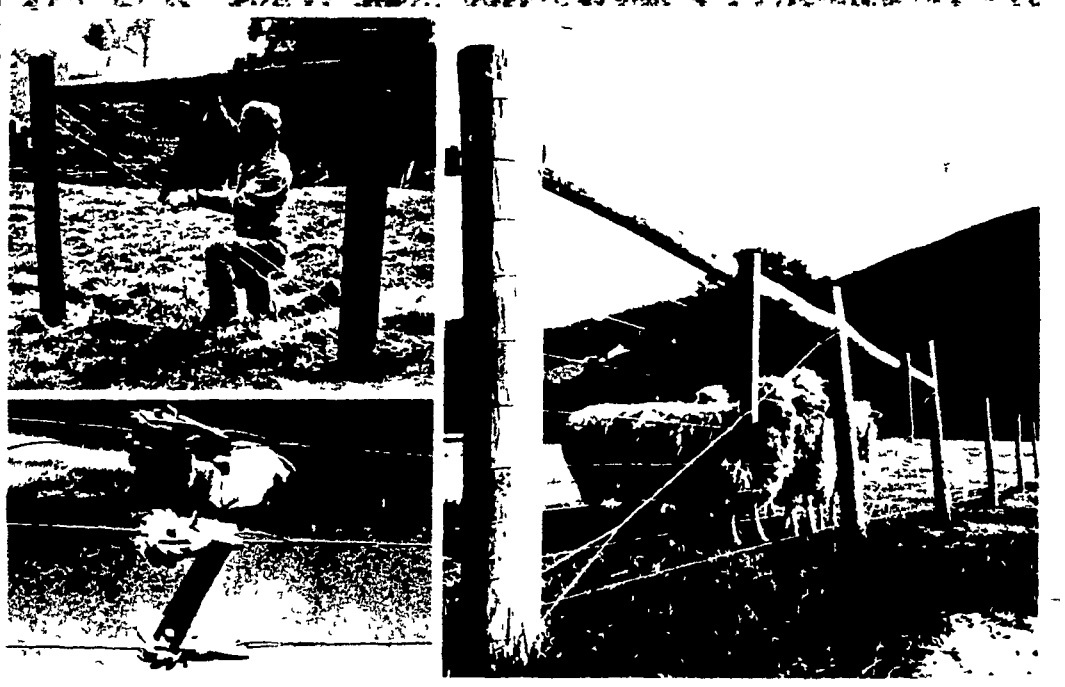

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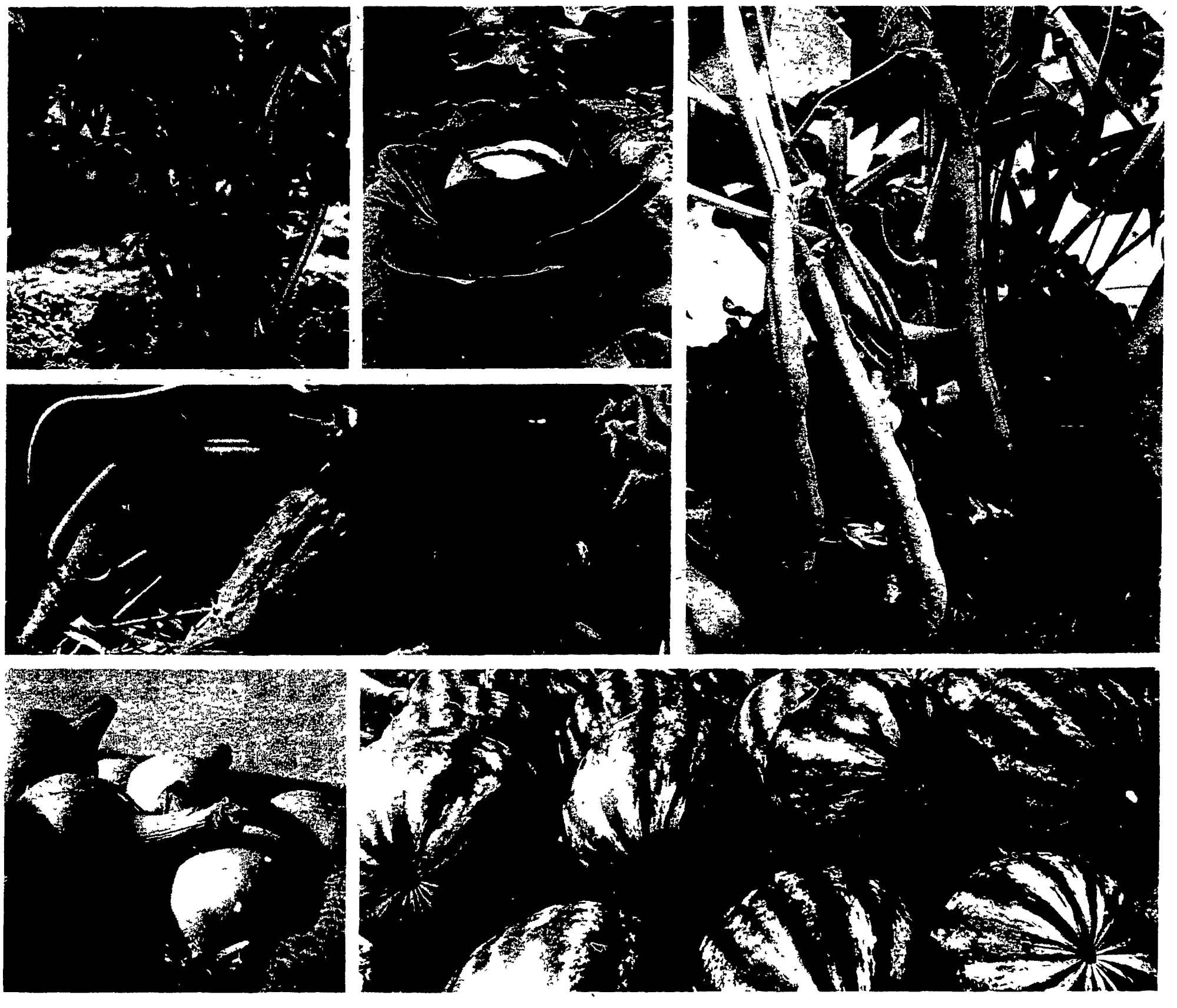
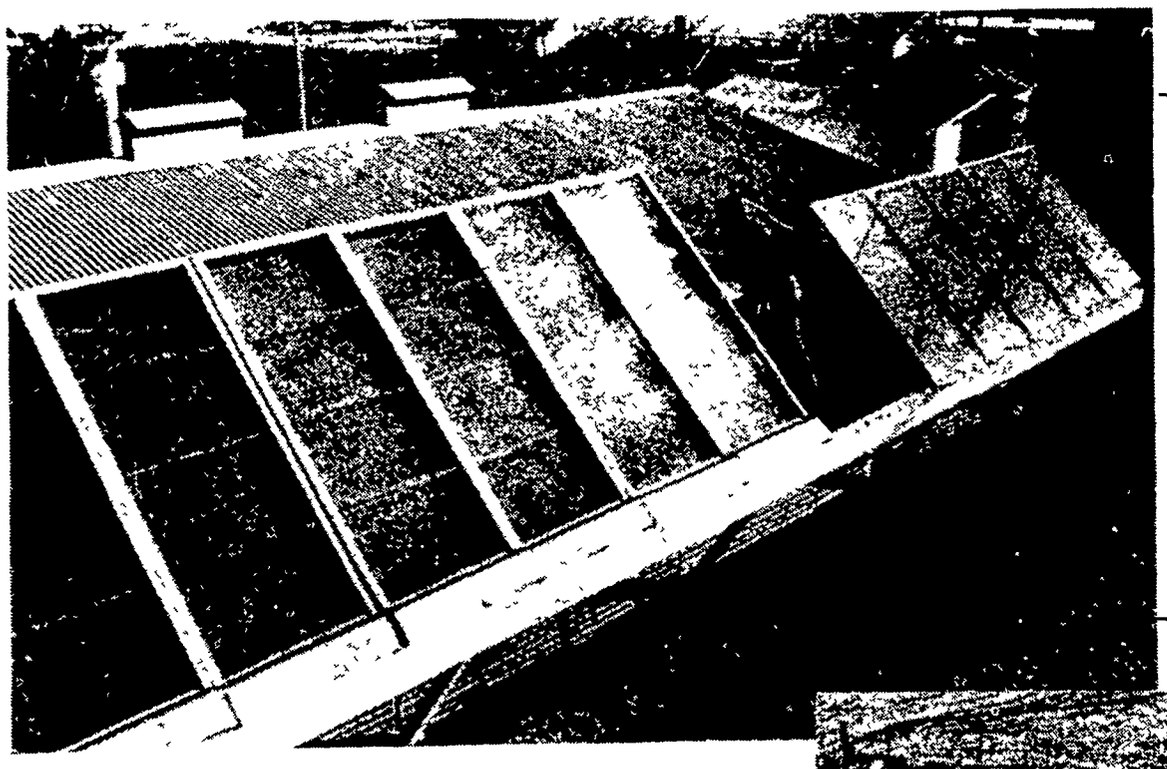
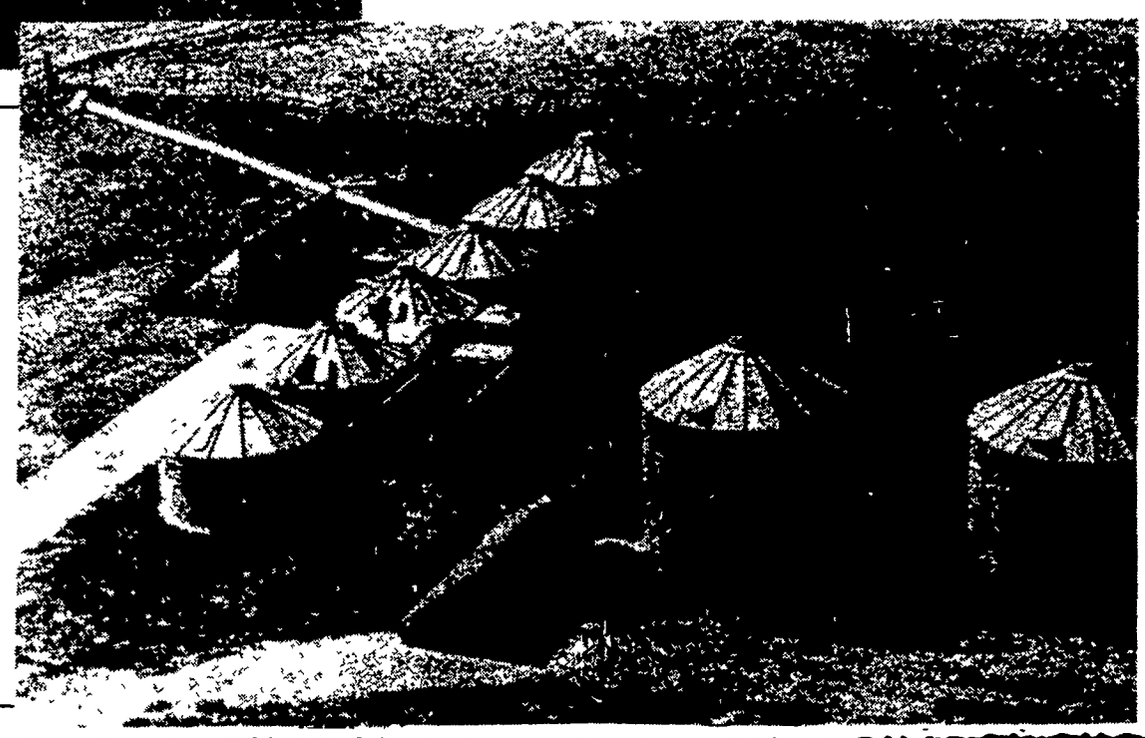


USDA solar research lets



Researchers at the South Central Poultry Research Laboratory, Mississippi State, Miss., have installed two types of solar collectors on a poultry house. The collector in the foreground heats the ventilation air used in the house during the daylight hours. The other collector heats water that is stored for heating the house at night. A researcher checks the pyranometer — an instrument that measures solar radiation.



Three types of solar collection systems are tested in grain-drying research at the U.S. Grain Marketing Research Center, Manhattan, Kan. A flat plate collector (center foreground) provides heat for the two drying and storage bins in the right foreground. The triangle-shaped unit on the left is made of fiberglass and contains 30 tons of rock to store heat. The rocks are painted black to aid heat collection. In both collectors, heated air is moved into the grain-drying bins by fans. The double-wall, air inflated plastic tube collector (upper left) is 100 feet long and has a capacity of 1700 cubic feet per minute. Heated air is moved through the tube by a 3/4 hp electric motor. The drying ability of this low profile system is being compared with that of larger units previously tested.

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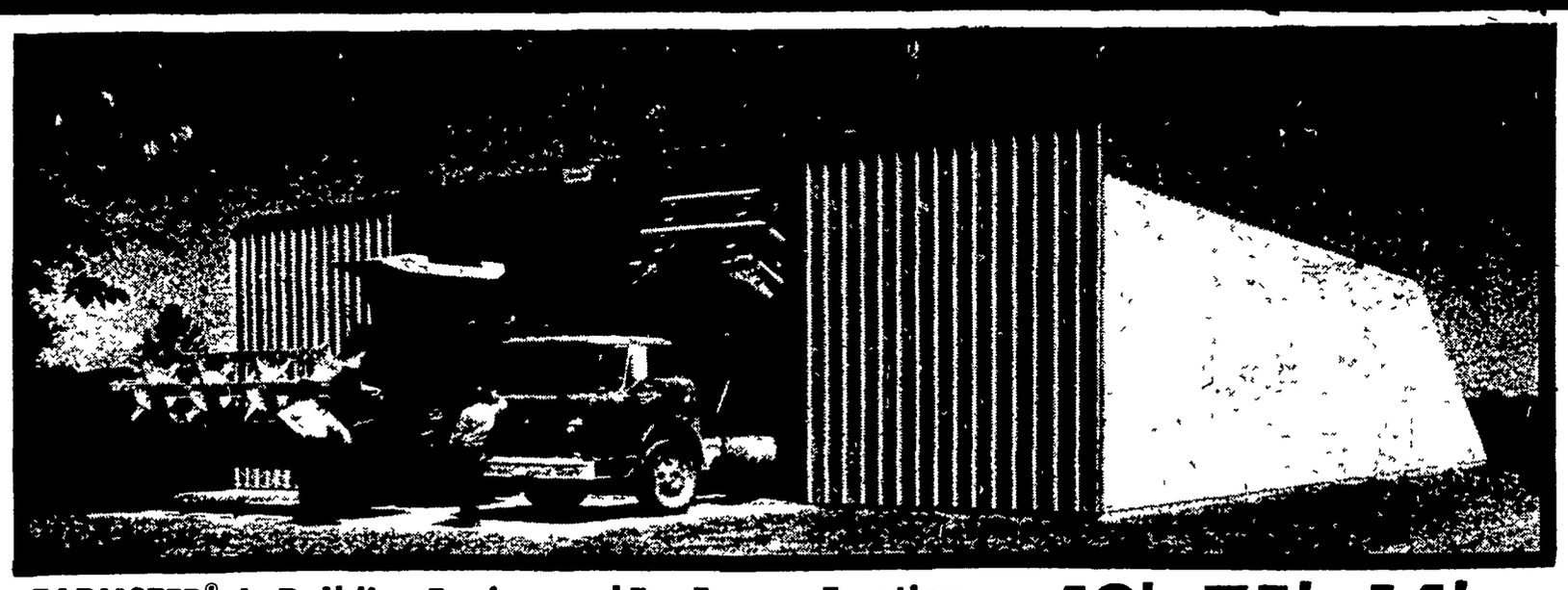

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arch lets the sun shine in

Heated water from collectors in stored in a 10,000-gallon tank on this USDA research dairy farm. The tank is the base and cover of a standard farm silo, 10 feet of which is buried to aid in heat retention.

A USDA researcher checks the duct used to distribute solar-heated air in the poultry house.

Does solar grain drying hold promise?

LANCASTER — Solar energy has been applied directly in agriculture for many years. The sun and the wind dry mature crops standing in the fields, in the stack or windrow, or in a ventilated shed or crib.

Efforts to collect and concentrate solar energy directly extend back 2,000 years or more. However, considerable investment in equipment is required to collect solar energy in amounts sufficient to replace significant quantities of fossil fuel.

The seasonal variation in solar energy must be considered in determining the amount of solar energy available for grain drying. Solar energy available on a horizontal surface peaks in June and July, but most of the drying requirements are for fall maturing crops harvested in September through November. The solar radiation falling on a horizontal surface on October 21 is just about half that falling on the same surface on June 21.

However, by tilting the solar collector to the south so that it is normal to the noonday sun, this difference is smaller. For the most part, this difference in available solar energy is due to the change in day length from October to June.

Solar energy available on an annual average basis varies by geographical location, by time of the year, and by orientation of the collector. Also, there is the matter of the intermittent nature of the availability of solar energy.

In the first place, it is only available for 8 to 14 hours each day. The daily fluctuations in solar energy availability is perhaps easier to accommodate than the situation where sun energy may not be available at all, or is available at low levels, during cloudy or rainy weather. A constant source of energy is not available unless there is some means of storing excess energy during sunny weather.

Solar energy is considered more applicable to low-temperature, in-storage drying systems than to high-temperature, high-speed systems. In-storage drying systems require low levels of heat input over extended periods. Such drying methods tolerate intermittent or variable levels of heat input.

In some areas, the relative humidity of the outdoor air during sunny weather is low enough to dry corn to the desired moisture level without added heat. When solar heat is added in the daytime, continued fan operation during the night when the relative humidity is high helps offset daytime overdrying and provides more uniform drying through the total grain depth.

The overdried grain picks up moisture from the high humidity night air. This reduces overdrying and lowers the air humidity so the grain above the overdried layer will continue to dry. However, there is insufficient energy stored in the overdried grain to permit drying to proceed during long periods of inclement weather.

Low-temperature drying is weather dependent and may be least successful during the years when it is needed most — years when the crops mature late or when field drying conditions are poor. Insolation levels (the amount of incoming solar radiation) are usually low when field drying conditions are poor. In some areas backup heat systems are necessary. This limits the attractiveness of solar energy because the cost of collecting solar energy must be offset entirely by savings in fuel cost. Where the solar heating system replaces other heating systems, the cost of the solar collector is partially offset by the cost of the heating equipment replaced.

The feasibility of applying solar energy to high-speed batch and continuous flow drying systems has not been established. Where the amount of moisture to be removed is relatively low, as in the case with wheat or soybeans, higher speed solar drying systems employing batch-in-bin drying methods are feasible.

Successful application of solar energy to high-temperature, high-speed, batch or continuous flow-drying systems presents several problems. Costs of collector systems to provide high temperatures (120° to 180°F. or 49° to 82°C) are considerably greater than for lower temperature systems. Collection efficiencies are reduced in high-temperature collectors unless expensive measures are taken to limit heat losses.

To supply the quantity of heat normally used in high-speed, high-temperature dryers, extensive areas for deploying the solar collectors are needed.

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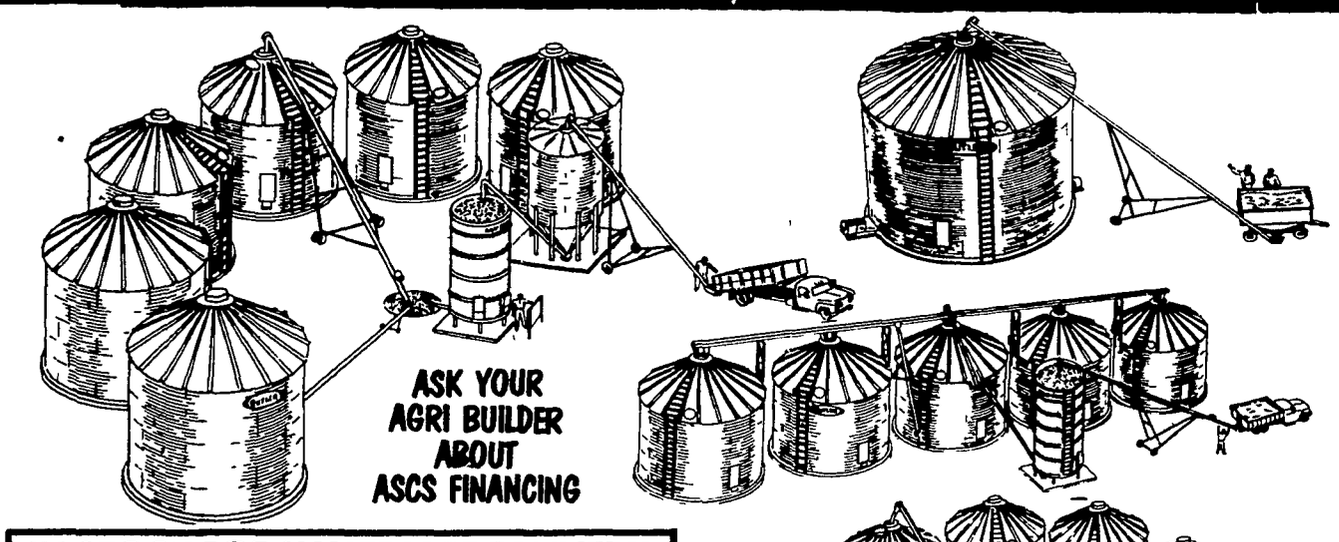

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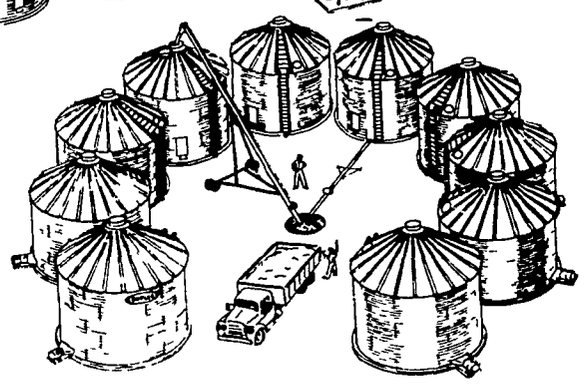

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A solar hay dryer first

Turf farmer launches 'Generation One'

BY JOYCE BUPP
Staff Correspondent

POOLESVILLE, Md. — An ungainly looking structure, it sits alone in a clearing on a bluff above the Potomac River Valley, sunshine glinting off the shiny black angular shaping.

This strange space-age-looking building is a solar hay dryer.

Farmer-engineer Frank Wilmot calls his poured concrete chambers and solar collector design "Generation One," the prototype of a baled hay drying system, originally contrived to counter foggy river-bottom mornings and humid, thundershower prone afternoons.

Wilmot manages the Potomac Valley "river" farm branch of his family's Summit Hall Turf Farm, Inc. Summit Hall is known as the first turf farm in America. It was founded in the 1940's at the town of Gaithersburg, twenty miles downstream on the Potomac, by Frank's father, William Wilmot, and has been a pioneering operation in innovative turf farm management and mechanization.

"Six years ago, I didn't even know what an alfalfa plant looked like," grins Wilmot, a mechanical engineering graduate of Duke University who chose to return home to the turf farm to learn the business.

Actually, alfalfa is but a sideline to Summit Hall's bluegrass turf cropping. The leafy forage plant is used as a "fertilizer" to the turf, adding nitrogen to the soils. In fact, except for a quick chemical fertilizer finish sometimes given to the turf just before harvest, alfalfa is the only nutrient booster the lawn grass receives.

Since the hundred acres of lush alfalfa was there, for the making Wilmot figured he'd try to make the very best quality hay possible, aiming for top prices paid at area hay auctions and looking toward the discerning taste of running horses at the East's abundant racetracks.

But the 400 plate-flat acres in turf lie adjacent to the Potomac River, across the historic stream from Dulles National Airport. The sharp hills that jut up from the river valley add to the scenic isolation of the farm, but hold in the abundant moisture that settles over the river. Even thin windrows of tender young alfalfa never dry rapidly enough to preserve the color and nutrient value of Wilmot's satisfaction.

"We didn't know anything about making hay. After the first year, we began to realize just how tough it is to make hay under humid conditions," he relates.

Wilmot saw drying as an obvious answer, but the last thing he wanted to use was an expensive fossil-fueled system.

In their second year of hay production, the Wilmot's set up an imported English "Thunderbox" drying system. Bales were stacked with an air duct through the length, and a large fan pulled air from out of the steak.

The following year, a similar center-duct system was tried, using a fan that instead blew air through the stack. After four weeks of dry-down, the hay wasn't wet, but it was somewhat musty. Wilmot wasn't happy with the results.

Late last Spring, with thoughts of another humid hay-drying season ahead, Frank turned his frustration with less than perfect hay toward the construction of his self-styled hay dryer.

Wilmot's solar plant utilizes a suspended plate collector system, attached at an angle to the front of the poured concrete shell enclosing four separate drying chambers.

Air enters the solar ducts at the ground level. About an inch of air space is both above and below the black corrugated tin roofing-type metal heat absorption material.

The outside is a clear rigid fiberglass-type material. Air flows through the collector ducts and then into a booster heat absorption area that utilizes the upper level and attic roof of the front of the structure. Each drying chamber pulls solar heat from a collector area of about 330 square feet.

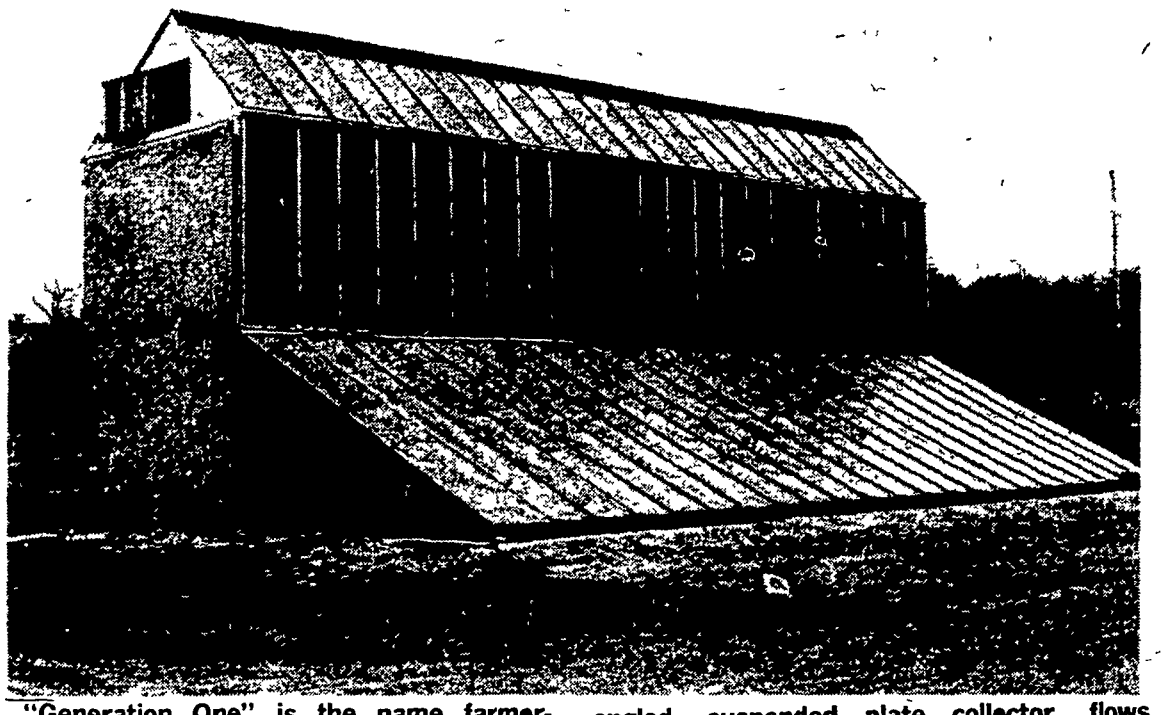
Fans installed in the attic of each chamber draw the heated air from the collector and force it down through the stacked bales, (cut side of the bales stacked upward).

Air flows out of the chamber through the bottom layer of bales, through a steel mesh floor and exits through vents in the false bottom of the poured concrete structure.

On a bright sunny summer day, Wilmot gets a 20-degree temperature rise in the air as it passes through the solar collector. He's considering attaching another 16 feet extension of collector area along the ground to the unit that would raise the temperature about another ten degrees, possibly cutting drying time by one sixth to one quarter.

Wilmot also did some experimenting with nighttime drying, using wood as a heat source, and gained a ten degree rise in air temperature. That attempt, he emphasizes, was strictly a spur-of-the-moment trial and not efficient at all.

Wilmot aims at baling hay at 28 percent moisture for the dryer, cutting the alfalfa one morning and harvesting it the following day. Thirty-percent moisture is the absolute cutoff point, with hay baled over that level usually finishing with some mustiness and mold.



"Generation One" is the name farmer-engineer Frank Wilmot gives his prototype solar hay dryer, engineered for the family's turf farm hay cropping sideline. Air enters Wilmot's dryer at the ground level of the angled, suspended plate collector, flows upward over the front and attic portion of the structure and is forced downward by fans located in the attic.

Hay bales and other potential commodities can be stacked for solar drying in four separate chambers, 11 feet square by 14 feet deep. Wilmot's homemade monometer, (looks like a fuse box next to the chamber doors), measures the air flow as it passes through the chamber stacked full of bales for drying.

Wire probes monitor the heart of the solar drying chambers for Wilmot's readout on hay moisture during the drydown process.

Each 11-feet-square by 14-feet-deep chamber can accommodate up to 288 bales when stacked full. Hay baled at the 28 percent moisture level, though, is dried with the chamber filled only partly to capacity, up to 180 bales. It will take about two weeks to dry a partially-full chamber of 28-percent hay down to the ideal of ten-percent moisture.

Hay, drier from the windrow, (perhaps at 24 percent moisture), gets packed to the top of the chamber and will dry down to the ten-percent level in four or five days.

"We're so humid here you can field cure hay to where you want it, and then it will still soften up in the barn from absorbing our abundant air moisture," laments Wilmot. "So I overdry bales to ten percent, and then they pick up three or four percent moisture sitting in regular barn storage."

Success of the operation, like all hay cropping, depends on the fickleness of the weather. Frank keeps one ear tuned to radio and television weather forecasts, and hay only goes down if forecasters are calling for less than 60 percent chance of showers.

Only enough hay is mowed at one time to fill dryer needs. And one chamber is filled to the proper capapcity before another chamber is started.

Bales on the top of the stack in the chamber dry down first of course. But Wilmot explains the drier a bale becomes, the more slowly the remaining moisture is removed. Thus, the top of a stack doesn't become tinder-dry while stems on the bottom layer are still flexible.

A wire probe sensor system is installed through the poured concrete walls into each chamber so the moisture content of the hay being dried can be checked with a meter.

Wilmot also built a monometer for each chamber, a simple measuring guage that reads the pressure of the air above the bale stack. That pressure moves a small portion of water in a curved plastic hose and the water rises or falls in the hose.

The level of the water is checked against a guage behind the hose, and is compared to commercial charts calibrated for the fans installed in the dryer. The monometer reading, based on the fan charts, tells the cubic feet per minute of air flow passing through the chamber.

In February, Wilmot took samples of his solar unit dried hay to the York County Forage Day for testing on Penn State's infrared spectro computer. He topped all other forage samples with a protein level readout of 22 percent.

Three truckloads of the solar dried hay have sold recently through the Frederick Hay Auction. Each time, the hay from Generation One topped the auction, selling upwards to $200 per ton.

Convinced that dried hay will be the most economical livestock protein feed of the future, Wilmot speculates alfalfa prices can only continue to climb. And because of the continuing cost and potential shortages of fossil fuels, he's also sold on the idea of solar drying not just hay, but all field crops.

To further test Generation One on other commodities, Wilmot is planting corn for the first time this year and plans to batch dry shelled corn, 600 or 800 bushels in a chamber, to see what the solar unit can do for a grain crop.

He's applied twice in the past to the U.S. Department of Energy for research grants, but DOE has turned down the applications both times. Undaunted, Wilmot is again looking toward possible grants from other government energy programs.

"Because this is a prototype, a first, we overdesigned and cut no corners," says Wilmot.

The concrete walls, for instance, are six inches thick on the outside structure, and inside dividers are 4 inches thick. Wilmot said he believes similar units could be

(Turn to Page A24)

Livestock groups support PSU judging teams

UNIVERSITY PARK — Students on Penn State's meats, livestock, and horse judging teams pay an estimated 40 percent of their expenses when representing the University at intercollegiate judging competitions. The balance is covered by gifts and University funds, which are not keeping up with the rising costs of inflation, says Grant Sherritt, professor of animal science.

This spring, three organizations established a fund to help these student judges.

The Pennsylvania Livestock Association, which represents producers and businesses related to the livestock industry, provided the initial capital for an interest-bearing fund.

The Penn State Stockmen's Club and the Block and Bridle Club made additional contributions to the fund. The stockmen's club supports youth programs that encourage interest in the livestock industry and Penn State livestock programs. Block and Bridle members are Penn State students who are interested in animal agriculture.

The three groups invite donations to the fund, from which interest income will assist about 20 members on the traveling squads of Penn State's judging teams. Approximately 50 students compete for those positions.

Donations should designate "The Pennsylvania Livestock Association Judging Teams' Fund" and may be sent to the Office of Gifts and Endowments, The Pennsylvania State University, 23 Willard Building, University Park, PA 16802.

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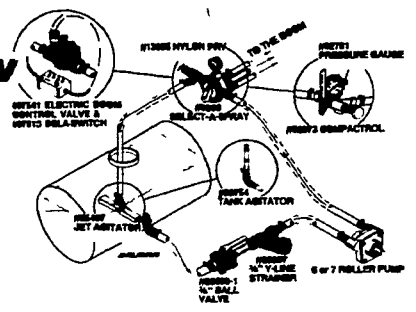

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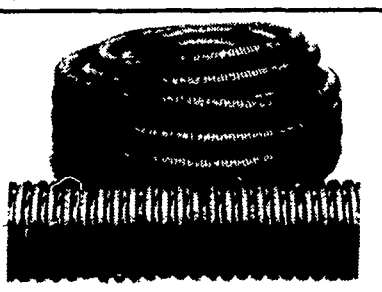

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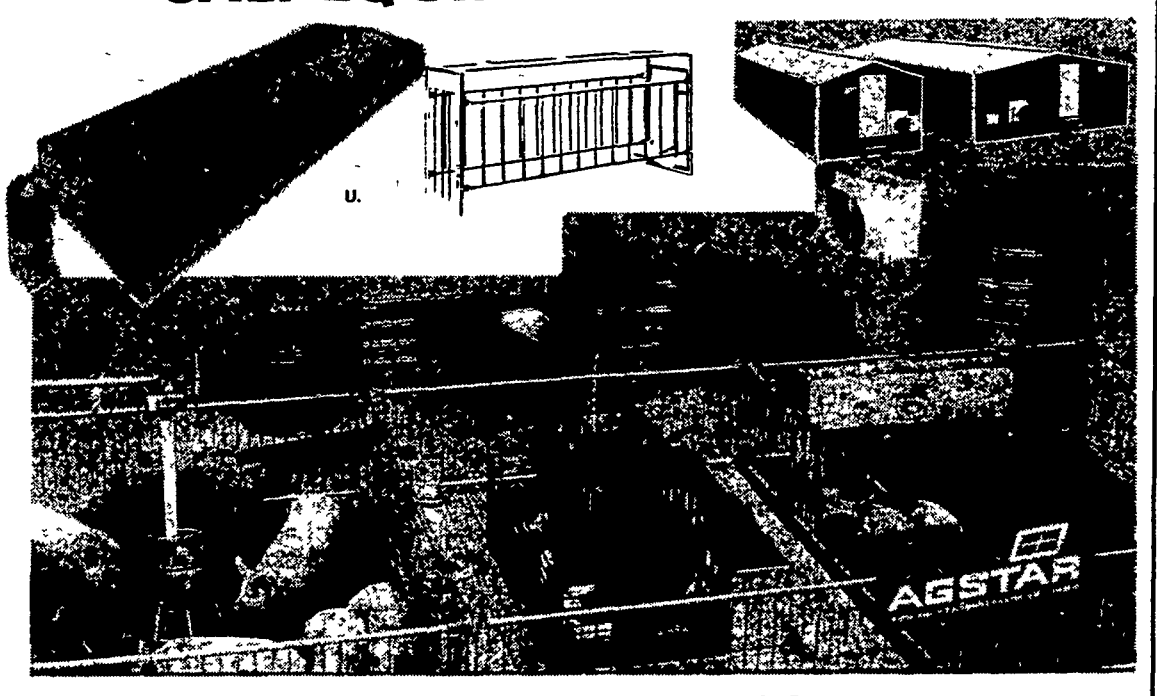

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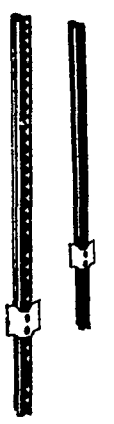

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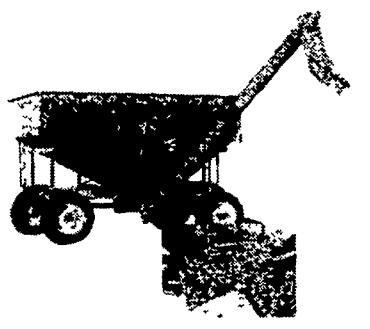

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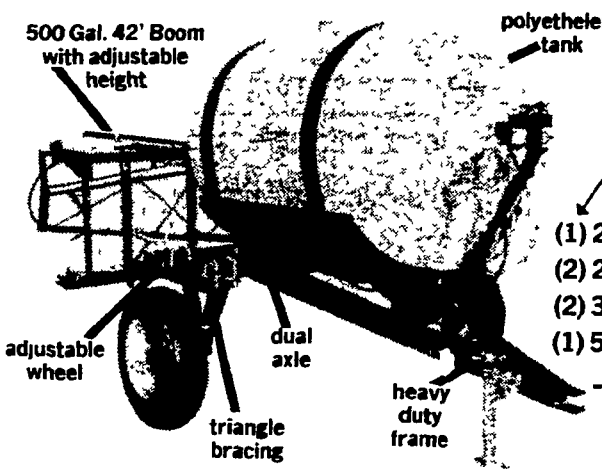

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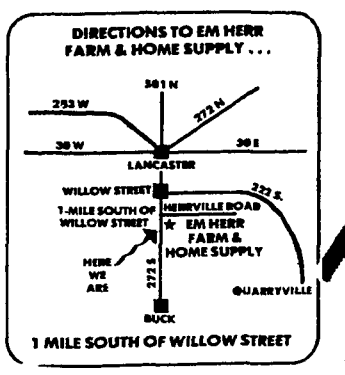

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Penn State Dairy Expo is today

UNIVERSITY PARK — "Show Day is here for the 56th Annual Dairy Exposition at Penn State. Events are scheduled to begin this morning at 8 a.m. in the University dairy barns. The show is dedicated to Donald V. Seipt of Easton, alumnus from the class of 1950.

The show's main attractions will be fitting and showing contests between Penn State students. Special events will include milking contests for women, both independent groups and sororities; milk "chugging" contests for fraternities as independent groups; and a calf-dressing contest. Well-known people in the field of agriculture will compete in a milking contest.

Donald Seipt, to whom the show is dedicated, is owner and operator of Keystone Farm, Easton, known for its registered Holsteins. He received the Charles Cowan Award in 1977, presented by the Pennsylvania Dairymen's Association for his contributions in improving and promoting the Pennsylvania dairy industry. Seipt will be honored at an awards banquet to be held at 7 p.m. in the Holiday Inn, State College.

Also to be honored at the awards banquet will be this year's Distinguished Dairy Science Alumnus, Clyde S. Robinson of Coal Center. Robinson graduated from Penn State in 1939 with a degree in dairy production. Following graduation, he returned to his home to become his father's partner. In 1960, he assumed ownership. The farm has always featured registered Jersey cattle.

Robinson has received many distinguished awards over the years, including the Master Farmer Award. In 1976, he received the first Charles Cowan Award.

Robinson has served as president and secretary for the Pennsylvania Jersey Cattle Club and national director of the American Jersey Cattle Club. He has been president and director of the National Dairy Herd Improvement Association. He has served as vice president for Atlantic Breeders Cooperative and the Pennsylvania Dairy Herd Improvement Association. Robinson's immediate plans are to remain on the home farm with his wife, Marie, and to stay active in the dairy industry with son, Robert.

Solar drying

(Continued from Page A22)

constructed at less expense and perform with comparable levels of efficiency as design techniques improve.

Wilmot is the first to admit that the major roadblock to Generation One is labor, with all that stacking in and hauling out of hay bales.

So, he's already mulling over ideas for "Generation Two," and then even "Generation Three," more mechanized versions of his basic solar crop drying design.

Generation Two would theoretically be semi-mechanized, the bales loaded non-manually into the chamber, perhaps on a wagon as some drying systems, already available, operate. A projected third design could carry the solar dryer into total mechanization, moving bales in and out of the chambers without ever touching them.

Spring weather boosts planting

HARRISBURG — Spring plowing is making rapid progress on Pennsylvania farms, now at 58 percent complete, according to the Pennsylvania Crop Reporting Service.

This is well ahead of the 17 percent completed last year at this time, and ahead of the five year average of 35 percent. Plowing stands at 48 percent complete in the north, 68 percent in central counties and 58 percent complete in the south.

Oats are now 59 percent sown, far ahead of the eight percent sown in 1980. Oats are now 36 percent sown in the northern counties, 71 percent in central counties and 68 percent in the south.

Potato planting is also running ahead of last year, with 19 percent planted, compared to five percent in 1980. Thirteen percent are planted in the northern and central counties while southern counties report 32 percent planted. Tobacco beds are 12 percent sown, compared to 60 percent last year at the time.

Barley and wheat crops are still in the pre-boot stage. The crop condition appears good, and with winter kill about average.

Both alfalfa and clover-timothy hay stands are mostly fair to good. The amount of feed being obtained from Pennsylvania pastures is average to below average across the state.

Scattered frost damage has been reported to cherries, pears and asparagus. Peaches are reported as 32 percent in pink stage and 23 percent in full bloom or past. Cherries are now 17 percent in the pink and 27 percent in or past full bloom, while apples are 17 percent pink and less than five percent in full bloom.

Soil moisture was rated as adequate to short across the state. In the north soil moisture was rated 36 percent adequate, 36 percent short and 28 percent surplus. Central soil moisture was rated 72 percent adequate and 28 percent short while in the south, soils were rated at 63 percent adequate, 12 percent short and 25 percent surplus in moisture.

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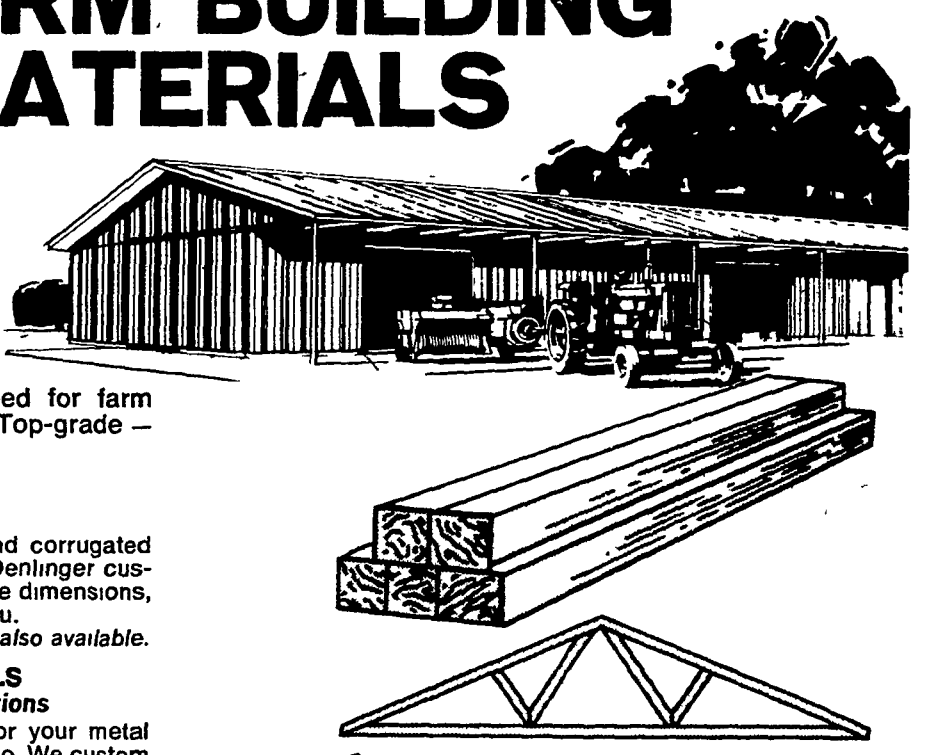

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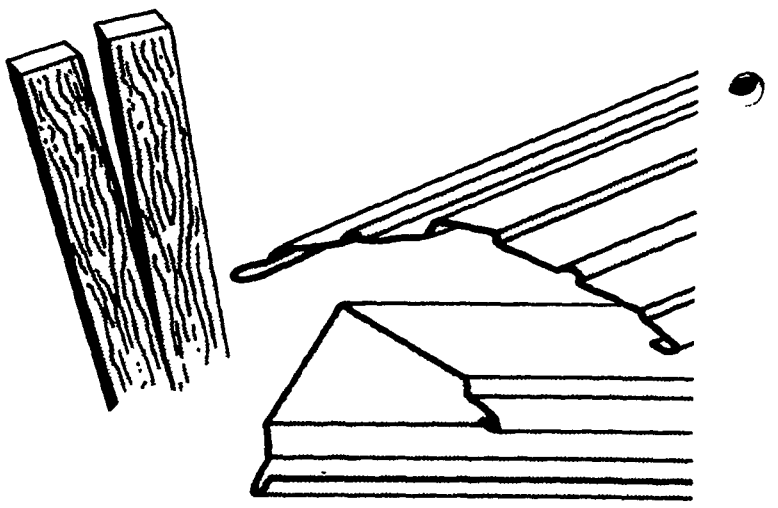

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The National Corn Grower's Association National Yield Championship came to the East this year – for the first time ever – with a giant 230.51 bu/acre yield at the Beckley, West Virginia Bluestone Farms operated by Jim Justice.

This is the second year in a row that PX 74 has taken the national title. Stanford has been recommending this hybrid in full season areas for its wide adaptation and very fast dry-down.

PX 74's yield power placed it first or second in nine state yield contests across the country.

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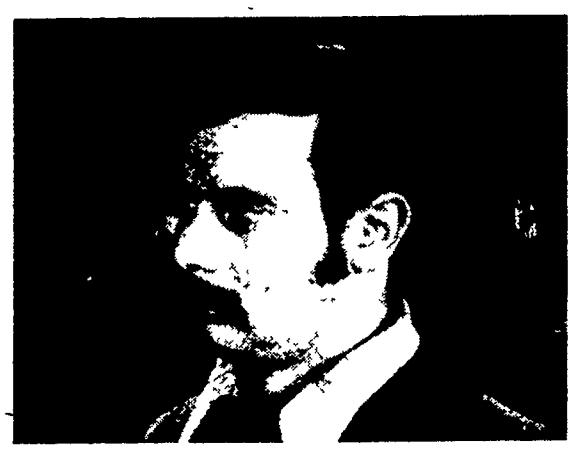

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Gary Donaldson of Hackettstown won with PX 87 and a yield of 160.12 bu/acre.

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Bradley Hott of Franklin won with PX 79 and a yield of 165 30 bu/acre.

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Charles F. Smith, Jr of Warrenton won with PX 74 and a yield of 141.22 bu/acre

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Betty Jean Hoch wears Berks Dairy Princess crown

BY LAUREL SCHAEFFER
Staff Correspondent

LEESPORT — Bubbling with excitement as if she didn't really believe it was happening to her, Betty Jean Hoch graciously accepted the crown as Berks County's Dairy Princess last Saturday evening from the 1980 princess, Karen Sattazahn.

Betty Jean is the lively, energetic eighteen-year-old daughter of Mr. and Mrs. Elwood Hoch, Jr. of R3 Boyertown. She is presently finishing her senior year at Oley Valley High School and is planning to attend the McCann School of Business as a Fashion Merchandising major in the Fall

Selected as an alternate to work with the new princess was Lori Ann Lesher, 17. Lori is the daughter of Mr. and Mrs. Harold Lesher, R1 Bernville. A senior at Hamburg Area High School, this active young lady plans to become a secretary after graduation. She is actively involved in FFA and 4-H and works part time on a dairy farm.

Both Betty Jean and Lori, along with four other contestants, competed during the day of the pageant before a panel of three judges. The contest was held here at the Berks County Agricultural Center. Each contestant was judged on appearance, speaking ability, poise, personality and intelligence

Betty Jean and Lori will represent Berks County dairy industry this year, visiting schools, appearing at fairs and parades, speaking before clubs and organizations and participating in various other activities.

Betty Jean said she became interested in entering the pageant after talking to last year's alternate Princess, Janice Savidge of Mertztown.

"The role sounded interesting. I felt I knew a lot about dairy farming and could be of help in promoting our image and products," she explained.

Betty Jean is a natural to dairy farming. She has been helping out at home ever since she can remember and loves being outdoors.

Her duties at home include milking, feeding calves and cows, and driving a tractor when needed. She also helps put hay away and lends a hand anywhere she feels needed.

Betty Jean has been in 4-H and enjoys showing cattle and sewing. She also likes to fish and trap, having learned these skills from four older brothers, Barry, Mark, Ricky, and Randy.

The Hochs milk 50 Holsteins and are building up a registered herd. They farm 198 acres, raising corn, small grains, soybeans, and timothy and alfalfa for hay.

Betty Jean said she can't imagine a better place to be raised than in the country.

"Once you grow up on a farm you can never forget it," she remarked.

Betty Jean will compete in the State Dairy Princess Pageant in Harrisburg this September.

Other contestants participating in the pageant were: Judy Malsbury, 19 and Jayne Malsbury, 16, daughters of Mr. and Mrs. George Malsbury, Rehrersburg; Laura Lee Miller, 17, daughter of Mr. and Mrs. Robert Miller, Bernville; and Cheryl Adam, 19, daughter of Mr. and Mrs. James Adam, Hamburg.

The pageant was presented by the Berks County Milk Promotion Committee, with president Donald Duncan, and the Dairy Princess Pageant Committee, chaired by Vernette Meyers.

Betty Jean Hoch, left, of Boyertown is the new Berks County Dairy Princess. She received her crown last Saturday evening. Serving as the Princess's alternate is Lori Lesher, of Bernville, right.

Wool growers file against subsidies

DENVER, Colo. — The National Wool Growers Association filed a petition recently with the U.S. Department of Commerce alleging unfair trade practices against New Zealand and Australia.

The spokesman for the sheep association said the documents claimed the governments of the two countries were subsidizing the export of lamb meat to the U.S., and the supports were creating an unfair trade advantage in the domestic marketplace.

The NWGA is requesting a special duty be placed on the import equivalent to the amount of the subsidy.

Marv Cronberg of Salt Lake City, Utah, president of the National Association, said the filing had been under investigation by the Wool Growers for about a year.

"We think we have a strong case," Cronberg noted, "and we feel confident that the U.S. Department of Commerce will rule favorably for us after their investigation."

Sheep producers in the U.S. have voiced bitter complaints about the encroachment of foreign lamb products in key domestic markets at cheaper retail prices. The petition charges that the price differential is due in part to subsidies by the foreign governments.

Cronberg said U.S. growers are willing to compete in any market with their products, but everyone should be playing by the same rules.

Commerce officials have 85 days in which to rule on the filing.

xxx

Hamburger consumption per person in the U.S. averaged 17.6 pounds in 1979.

Small seed corn trims costs

LANCASTER — Corn farmers who shy away from planting smaller seed sizes should take another look. There's more than a size difference when it comes to your pocketbook.

Small seed is every bit as good as larger seed; size makes no difference in hybrid performance. What's more, small seed can help trim the seed bill.

That's the opinion of Wayne Fowler, director of agronomic education for DeKalb AgResearch, Inc., DeKalb, Illinois. He says, "if you haven't taken advantage of smaller, lower-priced seed sizes when using a conventional planter, you'll really be missing a good bet if you pass up economy-priced seeds for plateless planters."

Fowler estimates savings of up to $1 per acre on the most popular DeKalb single-cross hybrids by using small or extra small rounds and flats.

You don't sacrifice performance when you buy smaller seeds, Fowler explains. Field trials show that large flats, for example, aren't any better than small rounds.

In DeKalb farm demonstrations, seed size has no bearing on final yield. Fowler says there is often more difference between checks of the same size than between seed sizes.

Some crop growers ask seed companies why they don't market seed as it comes off the ear and save the cost of sizing. There's a good reason, according to Fowler.

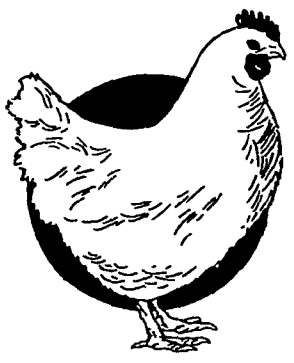
"After DeKalb workers hand sort the good ears, removing any that don't meet rigid standards, ears are shelled and seed is sized."

After seed is sized, germination tests are run on each batch and size of seed. And, since small seeds come primarily from the tip of the ear - and any disease problems that might have occurred during the growing season usually affect this area - if germination isn't up to par.

If there's any frost damage, it usually hits large rounds which come from the base of the ear, and it's easy to discard these if germination tests indicate damage.

What happens if your seed isn't sized? Fowler says germination tests would be run, but it would be impossible to discard the large rounds, the small flats or any other seed size where germination isn't as high as seed from the rest of the ear.

"It makes more sense to sell each of a range of seed sizes separately. This way, you're getting quality seed at a bargain price," he says.



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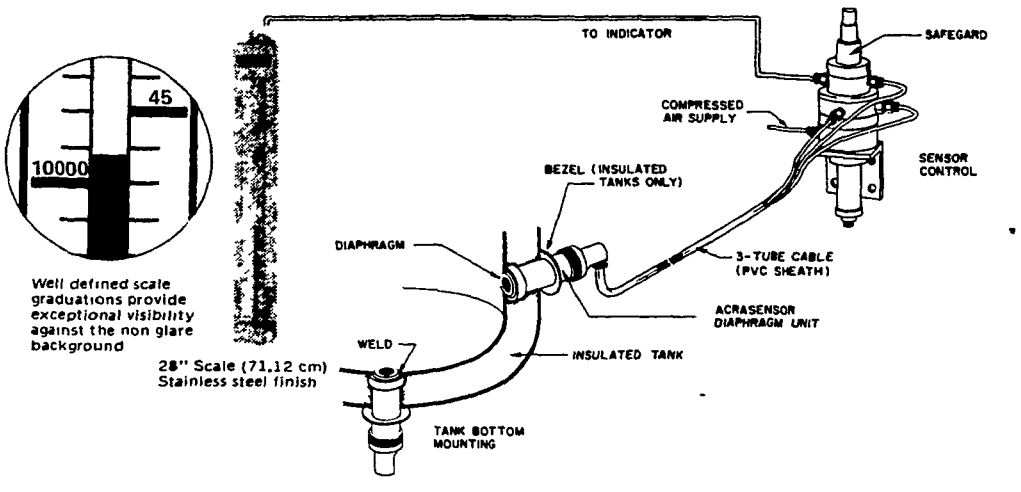

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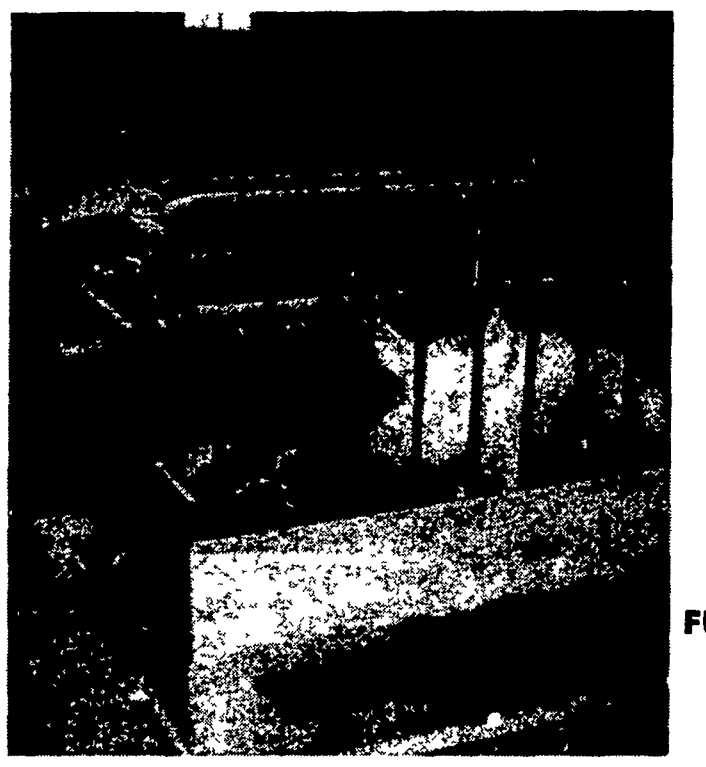

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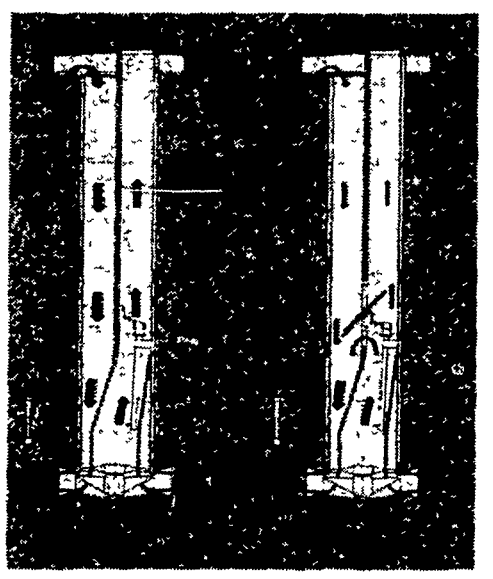

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Control internal parasites to keep goats healthy

DOVER, Del. — Goats are very susceptible to many kinds of internal parasite including tapeworms, several types of roundworm, pinworms and lungworms. Their eating habits are partly to blame.

A milking goat consumers anywhere from 25 to 40 percent of its body weight in grass compared to 15 percent for sheep and 20 percent for cows. Since worm larvae often enter host animals by way of infested grass, this means the goat probably ingests mare larvae (for its size) than these other ruminants. It also has relatively more stomach wall area for its size than they do. So there's a lot more surface to which worms can attach themselves.

Sue Waterman is a pre-vet major at the University of Delaware who raises goats. Last semester she did a special student project on the internal parasites which afflict them, under the guidance of dairy specialist Dr. George Haenlein. They both agree that worms can be a serious problem in goats.

Signs of infestation include weight loss, listlessness, and roughness of coat. There may be a drop in milk production, or poor growth in kids. Itching may indicate pinworms. And since many parasites feed on blood, anemia is often a symptom.

It's also possible for an apparently healthy animal to be infested. So the surest way to know whether a goat has worms is to take a federal sample and have this analyzed.

Certain environmental conditions increase the chance of parasitism, says Waterman. Pastures that are fouled with goat manure provide favorable hatching conditions for eggs. Once larvae hatch they climb the grass, ready for grazing animals. It's easier for larvae to crawl up wet grass, so wet pastures add to a parasite problem.

Trying to keep too many goats in too little space can lead to parasitism. Since sheep and goats share the same parasites, this can contribute to the problem. (It should be noted that these parasites do not transfer to people.)

Any stress that lowers an animal's resistance is an invitation for parasites to take their toll. These stresses include illness, old age, crowding, and heavy milk production. Changing from hard food to soft, or vice versa, can make a goat's digestive tract more susceptible to parasite attack. Kids that lose too much weight after weaning may suffer serious worm damage. Heavy infestations are more likely to occur in older, heavy producing does or young, recently weaned kids than they are in the average backyard doe.

Waterman says there are many ways to disrupt the life cycle of parasitic worms. Avoid overstocking pastures by rotating and resting them as needed. Be sure the land is well drained. Manure is a source of contamination, so remove it promptly. Keep it away from food and water. And wean kids away from older animals because these can infect them.

Such preventive measures are very important. But the best control is to worm your goats regularly. Since worms can become resistant to a compound that's used repeatedly, frequent changes of medication are advisable.

Many kinds of worm medicine are available If your veterinarian does the job for you, make a note of the medication used. It's your responsibility as owner to remember the compound and see that the treatment is changed often enough.

You can also administer the wormer yourself. But take care not to exceed the recommended dosage or to stress an animal unduly. Make sure that the medicine is compatible with pregnancy since some worm medicines will abort goats. It's best to worm goats when they have just recently freshened (had kids). Milk from treated goats should not be used for human consumption for 96 hours.

This is an excellent time to worm goats because, with frost or snow on pastures, there's no chance of reinfection.

With the proper precautions to avoid contamination and spread of larvae and with the proper worming medications, you can keep infestations to a minimum.

Both Waterman and Haenlein agree that worming pays. With fewer worms there will be less stress on the goat's system. As owner you'll benefit, too. Your goat will do its job better - whether that job is producing milk or mowing the lawn.

Brenda Walters is Jr. Simmental president

STATE COLLEGE — Brenda Walter of R2, Airville, was elected to serve as the first president of the Pennsylvania Junior Simmental Association.

Brenda is 19 years old and lives on a 150 acre farm with her family. She has been involved in livestock and meat judging contests at county, regional, state and national levels. Brenda is presently employed by the York County Agriculture Extension Service where she works with the 4-H program.

Other Junior officers are Joe Messick, vice president; Josephine Popp, secretary; and LeRoy Bowles, treasurer.

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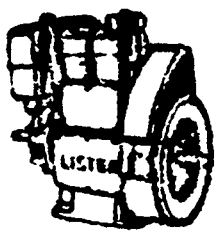

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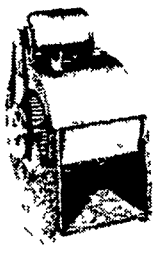

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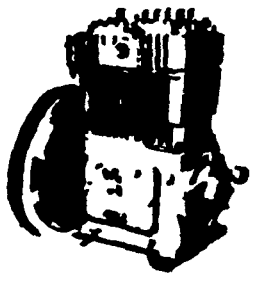

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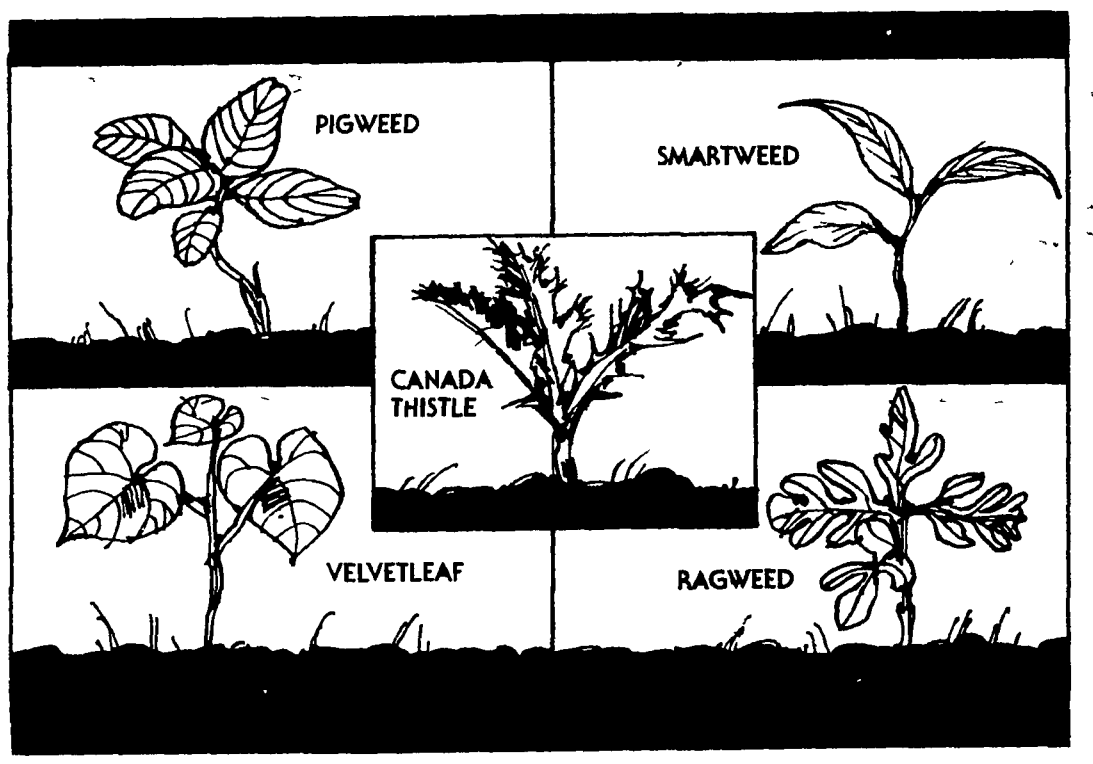

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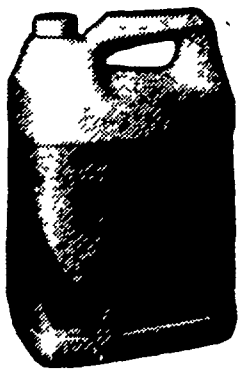

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Lancaster's Glenn Shirk has 2nd place news feature

Extension staffers win contests

UNIVERSITY PARK — Seventeen members of Penn State's Extension staff have been named state winners in the 14th Annual Public Information Awards Contest sponsored by the National Association of County Agricultural Agents.

The contest, conducted by the State Association in cooperation with Rohm and Haas Co., is designed to recognize excellence in the uses of mass media approaches to Extension teaching and information programs.

James Welshans, Clearfield County Extension agent and chairman of the State Association's public information committee, points out all winners will receive cash awards. First place entries in each category will be judged regionally. Regional winners will vie for awards at the national level.

The winners, by category, are:

Radio program: Sally McCabe, Philadelphia County, first; David Cox, McKean County, second; and Samuel Crossley, Potter County, third.

Television program: Alan Michael, Allegheny County, first; Laurence Yager, area marketing agent stationed in Adams County, second; and Nancy Kadwill, Montgomery County, third.

Direct mail: David Cox, first; David Gordon, Jefferson County, second; and Robert Brown, Somerset County, third.

Newsletter: William King, Armstrong County, first; Harold Campbell, area marketing agent stationed in Erie County, second; and Thomas Piper, Adams County, third.

Set of colored slides: Thomas Piper, first; and Mary Jo Cook, area 4-H agent stationed on the DuBois Campus, second.

News photo story: Duane Duncan, Cumberland County, first; Nancy Kadwill, second; and David Cox third.

News Column: Gordon Walker, Mifflin County, first; Thomas Piper, second; and Jeffrey Mizer, Snyder County, third.

News Feature: Carol Schurman, Indiana County, first; Glenn Shirk, Lancaster County, second; and William King, third.

Contest judges were members of the College of Agriculture communications staff.

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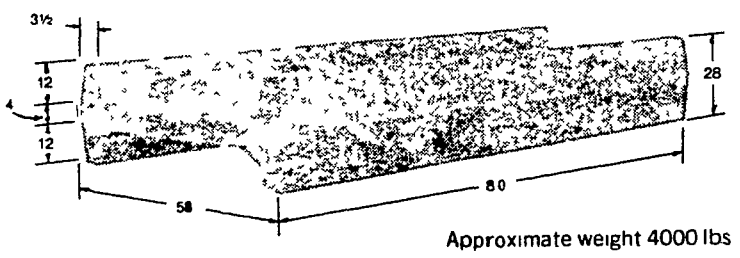

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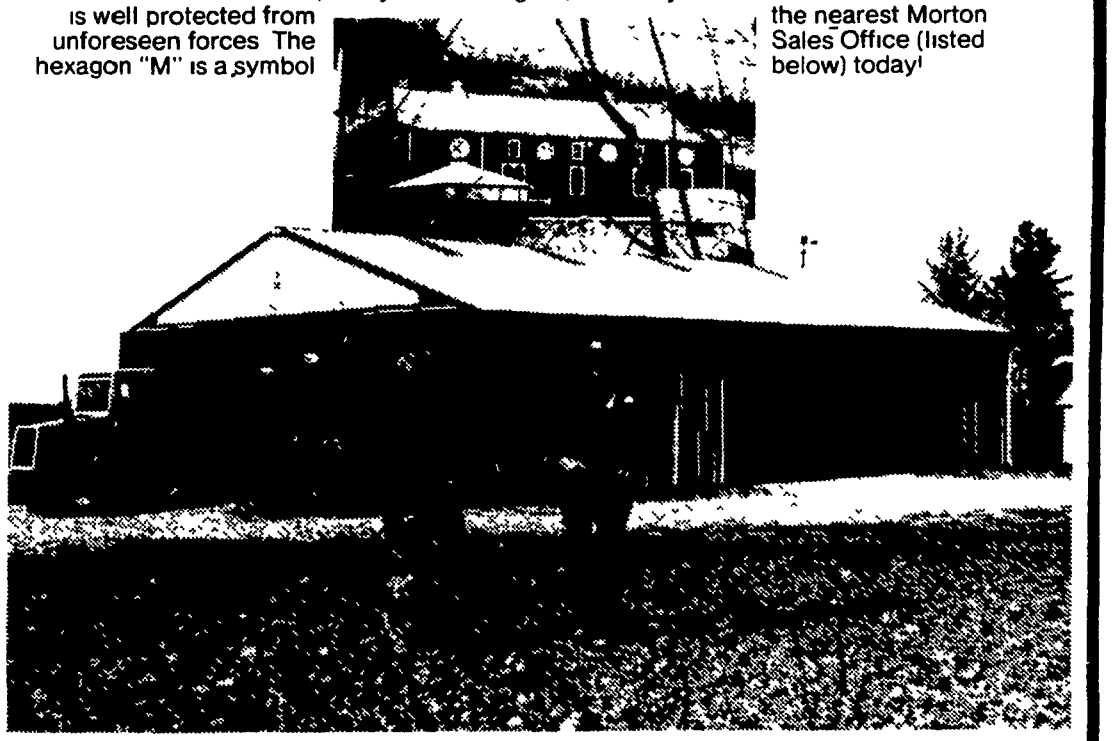

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Township officials hear ag zoning plea

BY DICK ANGLESTEIN

LANCASTER — Lancaster County took the need for the preservation of farmland directly on Wednesday to the group of people who are making and will continue to make the grass-roots decisions about continuing progress toward the saving of this basic natural resource

The occasion was an Agricultural Zoning Workshop attended by about 150 township officials in the Farm and Home Center. The officials primarily included supervisors and planning commission members from both townships already having ag zoning districts and those who may be considering them.

Speakers during the evening included officials from four townships – three of which have ag districts and one which is about to adopt a zoning code with them.

Officials from townships with ag districts were Aaron Stauffer, of Ephrata Township; James Witmyer, of Warwick Township; and David Garber, of East Donegal Township. Ed Goodhart, of Manor Township, explained that a revised zoning code with an ag district will likely be acted upon within the next couple of months.

Other officials included John Ahlfeld, of the Lancaster County Planning Commission; Tom Johnston, of the Conservation District staff; B. Kenneth Greider, of the Pa. Township Supervisors Association; Amos Funk, of the Agricultural Preservation Board; and Art Huber, of the Lancaster County Association of Elected Township Officials.

The program was moderated by Lancaster County Commissioner James Huber.

Huber set the tone for the meeting by explaining that he considers the preservation of farmland in Lancaster County second in priority only to the protection of people.

"But we're limited in what we can do as county commissioners," Huber said

"The real secret to agricultural zoning lies with you local officials -- supervisors and members of township planning commissions.

"For this is where the real decisions must be made – at the local level."

Ahlfeld, as director of the county planning commission, gave a progress report on ag zoning in Lancaster County.

Since just early-1980, the number of municipalities with effective ag zoning districts have increased from only nine to the present total of 20, he said. Half of the townships containing land earmarked for farmland preservation by the county now have these ag zoning districts.

"Nothing is more basic to the preservation of farmland than ag district zoning," Ahlfeld said.

"This is a land use issue and zoning is the tool we have to control land use."

B. Kenneth Greider, of the Pa. Township Supervisors Association, reported on two recent legal and legislative matters which could have an effect on farmland preservation in the state.

House Bill 143, which would give townships the authority to create ag preservation areas, has been reported back into committee because of eight amendments added to the legislation.

Also, the Commonwealth Court handed down a decision declaring zoning restrictions unconstitutional in Hopwell Township, York County, which place certain limitations on the amount of residential development permitted in agricultural areas.

Lancaster County Commissioner James Huber, standing at podium, opens workshop on ag zoning districts. Other officials participating in program include, from the left, David Garber, East Donegal Twp.; Art Huber, Lancaster County Association of Elected Township Officials; Amos Funk, Agricultural Preservation Board; B. Kenneth Greider, Pa. Township Supervisors Association; John Ahlfeld, Lancaster County Planning Commission; Ed Goodhart, Manor Twp.; Aaron Stauffer, Ephrata Twp. and Tom Johnston, Conservation District.

Kreider explained that decision has just been handed down and will likely be appealed. Also, it is too early to determine how it might affect other ag zoning efforts.

Aaron Stauffer, of Ephrata Township, cited the zoning regulations just adopted on April 7 which contain ag districts. The regulations limit residential development to one home on a farm in 25 years for either the retiring owner or people involved in the farming operation. A restriction is also placed on the deed recognizing the right to farm to protect against any nuisance complaints.

Ed Goodhart, of Manor Township, traced the process involved in establishing an ag district which is contained in the regulations which will be acted upon in the near future.

"Involve as many people as possible," he stressed, "particularly the farmers,"

David Garber, member of the East Donegal Planning Commission and a poultry farmer, expressed his position:

"Farming is a way of life. We love it and want to protect it."

He stressed the need for reasonable regulations, such as setback requirements for livestock and poultry operations which will permit farming to continue on the limited agricultural tracts available.

Witmyer outlined Warwick Township's efforts which established an ag district in 1979. There has been no subdivision in

(Turn to Page A31)

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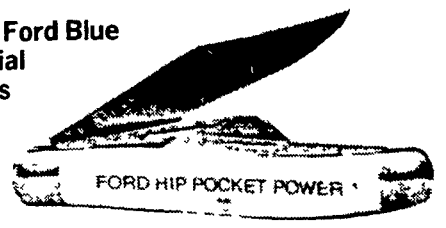

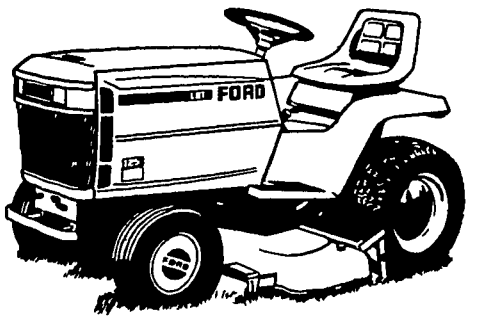

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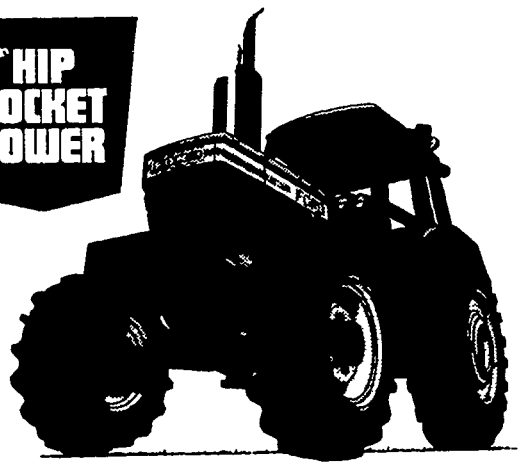

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Ag zoning

(Continued from Page A30)

the district since it was established in July, 1979, he stressed.

Funk called on the attending township officials to establish agriculturally zoned districts to aid in the preservation of farmland. Also, he asked those townships with ordinances to take a look to see if the land is being used as effectively as possible for either residentiual development or farming.

Tom Johnston, of the Conservation District staff, reviewed the mapping of the various municipalities that had been done. He offered a few suggestions in any ag zoning efforts.

First, use natural boundaries, as roads and streams. Always, look at what's next door in the neighboring municipality. Make sure that farmers are involved in the efforts. And promote soil and water conservation measures.

Part of the audience of about 150 supervisors and planning commission members from townships in Lancaster County listen to presentations on need for agricultural zoning districts at workshop held in the Farm and Home Center on Wednesday night. A series of speakers stressed the need for the creation of ag zoning districts as a primary method of preserving farmland.

Home brew for engines is no simple process

UNIVERSITY PARK — Making good quality "home brew" to fuel gasoline engines isn't as easy as it may seem, agricultural engineers at Penn State are observing in experiments and farm observations.

The trouble is that the process of making ethyl alcohol or ethanol for use in gasoline engines has been promoted in oversimplified terms, says James W. Garthe of the agricultural engineering faculty at Penn State. It looks easy at first to convert plant wastes from farms and gardens into ethanol, Garthe and associates have noticed.

"Too many people believe they can make ethanol at home, then simply mix it with gasoline to form gasohol — a blend of 90 percent unleaded gasoline and 10 percent water-free ethanol. This does not always work," Garthe commented.

Usually, homemade ethanol contains too much water to make gasohol. Depending on the temperature of the gasoline and its makeup, very small traces of water found in any homemade ethanol will cause what is called "phase separation."

"Where small amounts of water occur, as in most homemade ethanol, alcohol and water, both separate from gasoline, creating unsteady engine operation of stalling. Even less than one percent water may create phase separation." Garthe stated.

The process of fermenting crops and distilling ethanol is similar to that used in making alcoholic beverages. Garthe says a federal permit is required to make homemade ethanol. In Pennsylvania and some other states, a state permit is also needed.

Garthe and Kermit Q. Stephenson have carried out a number of experiments using ethanol in gasoline engines at Penn State. The research shows that 200 proof ethanol can be used as fuel only if the engine is modified to accept ethanol.

For example, carburetor jets need to be enlarged to allow for an increased rate or fuel flow, since straight ethanol must be burned in larger quantities than gasoline to equal the performance of gasoline.

Also, adequate vaporization of ethanol is needed at the carburetor. Then too, a lubricant such as castor oil should be added to the fuel to prevent engine damage. And fuel systems need to be changed to types resisting the acid properties of ethanol.

Consideration should be given to dealing with rust caused by water.

Gallon-for-gallon, ethanol has only two-thirds the heat of combustion or "power potential" of gasoline, Garthe said, thus needing more fuel for equal power. As a general rule, year-round fuel economy will drop about three percent when burning gasohol.

But gasohol does have benefits. It gives off less exhaust emissions than straight gasoline. Such emissions are carbon monoxide, oxides of nitrogen, and unburned hydrocarbons. One study by a national auto manufacturer showed a reduction of 50, 23, and two percent — respectively — for the three types of emission.

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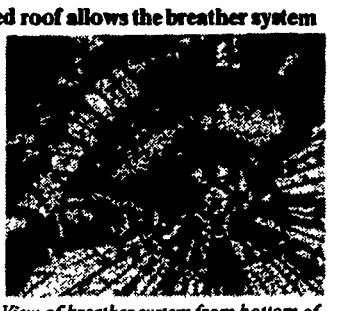

View of breather system from bottom of newly erected Sealstor. Translucent roof permits light to enter structure

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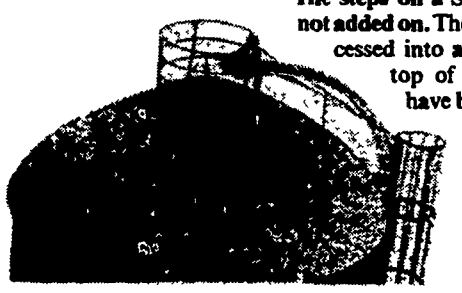
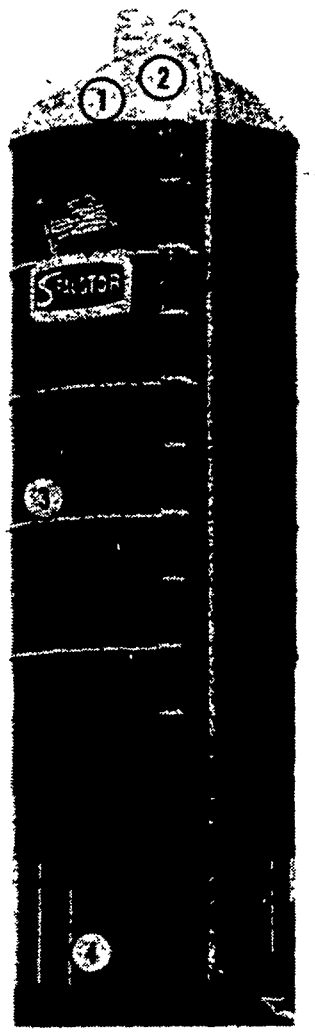
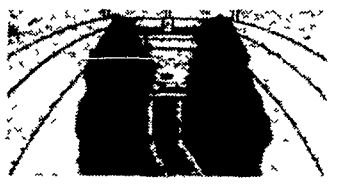


The steps on a Sealstor roof are not added on. They are actually recessed into a roof panel. On top of a Sealstor, you have built-in solidarity underfoot. **Fiberglass is translucent.** When checking inside a Sealstor, you are not peering into total darkness.



2. **The forage distributor** in every Sealstor forage structure packs the crop more evenly and with up to 15% greater density than is possible in other storage structures. The key to handling this additional weight is in the bottom unloader used by Sealstor. It's like owning a larger structure without paying for the extra storage capacity.



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UEP reports proposed shell egg grading changes

DECATUR, Ga. — USDA's Food Safety and Quality Service published the proposed rules on shell egg grades and standards in the April 17 Federal Register, reports Cathy McCharen, United Egg Producers. The proposed changes were based on comments received from the advance notice published last May.

"Comments from egg producers, packers, distributors, trade organizations, state agriculture departments, and consumers mostly agreed that review of standards were long overdue and the proposed changes were reasonable and necessary, with one exception," says McCharen.

"The elimination of grade AA was questioned since it wouldn't eliminate AA under state egg laws and would create an economic hardship to producers and retailers who market this grade. The Department decided not to propose eliminating grade AA but did propose modifications in tolerances at destination for this grade."

The proposed rule would make the following changes in the voluntary shell egg grading regulations, according to the Federal Register notice:

* Eliminate the C quality classification for individual eggs.

* Eliminate three wholesale grades - U.S. Trades, U.S. Dirties, and U.S. Checks - and the two U.S. Procurement grades.

* Eliminate the consumer grade Fresh Fancy Quality and Grade A Quality control programs.

* Increase the tolerance for undergrade eggs. Raise tolerances for Checked eggs at destination for all egg sizes and for Jumbo size eggs at origin. The tolerance for leakers and Dirties at destination would be slightly raised, and a small tolerance for Dirties would be provided at origin.

* The minimum percent of eggs at a specified quality in consumer grades at origin and destination would be raised, except that the percent of eggs of the specified quality in Grade AA at destination would be adjusted to more accurately reflect what is in the market place.

* The definition of origin grading would be clarified to indicate that this is a grading made at a plant where eggs are graded and packed.

For more information, contact UEP, 3951 Snapfinger Parkway, Suite 580, Decatur, GA, 30035 for a copy of the Federal Register notice. Comments must be received on or before June 16.

Send your written comments in duplicate to: Regulations Coordination Division, Attn: Annie Johnson, FSQS Compliance Program, Room 2637, S. Agriculture Building, Washington, D.C. 20250.

Migrant farm work meeting set for June 4

NORFOLK, Va. — Agricultural employers are invited to participate in a public meeting to comment on laws and programs administered by the U.S. Labor Department that impact on the use of migrant farm workers.

Three Labor Department agencies will sponsor the meeting, scheduled for June 4 at 1 p.m. in the Holiday Inn Scope, Norfolk, Va. The session is for farm operators, crew leaders and workers in the Labor Department's Region III, covering Virginia, Maryland, Delaware, Pennsylvania, West Virginia and Washington, D.C.

Representatives will be on hand from the Department's Employment Standards Administration, Employment and Training Administration and Occupational Safety and Health Administration. Each oversees programs affecting migrant farm workers and their employers, such as housing standards, wages and working conditions and farm labor contractor registration.

Topics will include efforts to clarify regulatory requirements, protection of workers in the migrant stream and rights and responsibilities of growers, crew leaders and laborers.

Those interested in more information about the meeting may contact John Dower, regional monitor advocate, P.O. Box 8796, Philadelphia, Pa. 19101 (phone: 215-596-6411).

Elizabethville heifer brings top bid

LANCASTER — A 2-year-old Guernsey bred heifer, consigned by Calvin Mauser, R1 Elizabethville, brought the top bid of $1850 from buyer Paul Kline of Uttica, Ohio during the 321st Special Guernsey Sale

Bred to West Maltas Deacons Brutus, the heifer was sired by Hausleys Dari Fayvor, out of Terlin Sadie, classified 83

A consignment from Larry and Kathleen Queripel, Benton, brought the second high bid of $1800. The 7-year-old cow was purchased by George Aaronson, Columbus, New Jersey. Her 346 day lactation record as a 5-year-old with twice a day milking was 15,762 pounds milk and 743 pounds fat.

With a bid of $1750, breeder and consignor L Ivins Smith, New Hope, sold his 2-year-old Guernsey heifer to Herman Ginder, Jr., of Mt. Joy. The heifer was sired by Kellogg Minnies Choice, out of Shady Locust Doras Dixie.

Out of the 111 head of Guernseys sold at the 321st, nine head brought over $1000. They averaged $650. There were 109 registered animals sold, and only two grades.

Hunters compile best record ever

HARRISBURG — Pennsylvania hunters compiled one of the best safety records ever during 1980, according to the final annual tabulation made by the Game Commission.

Statistics indicate last year there were seven fatal hunting accidents, the lowest number since record-keeping began in Pennsylvania in 1915.

In 1915, there were about a quarter million licensed hunters in the state. In 1980, there were more than a million and a quarter licensed hunters in the Keystone State. The total number of hunting-related accidents in Pennsylvania in 1980 was 201.

Hunting mishaps in the state have been declining rapidly since 1968, when there were 530 accidents. Game Commission safety officials believe the reduction has been largely due to hunter education courses and the increase use of fluorescent orange material by hunters.

Since 1969, it has been mandatory for all first-time hunters under the age of 16 to satisfactorily complete a hunter education course before being eligible to purchase a hunting license.

Last year, for the first time, hunters were required to wear fluorescent orange material while hunting bear and deer during the regular big game firearms seasons, and while hunting woodchucks. Woodchuck hunters must wear at least 100 square inches of fluorescent orange (a cap contains 100 square inches) on the head, while big game hunters must wear at least 100 square inches of fluorescent orange on the head, or on the chest and back combined.

During 1980, there were sixteen persons shot in mistake for game. Fifteen of these persons were not wearing clothing of a conspicuous color, while the remaining person was wearing red.

Prior to last year, the lowest number of hunting accident fatalities on record was ten, a mark established in 1977.

xxx

About 10,000 farms accounted for one fourth of all hog sales in 1979. There are still many small efficient swine operations in the U.S.

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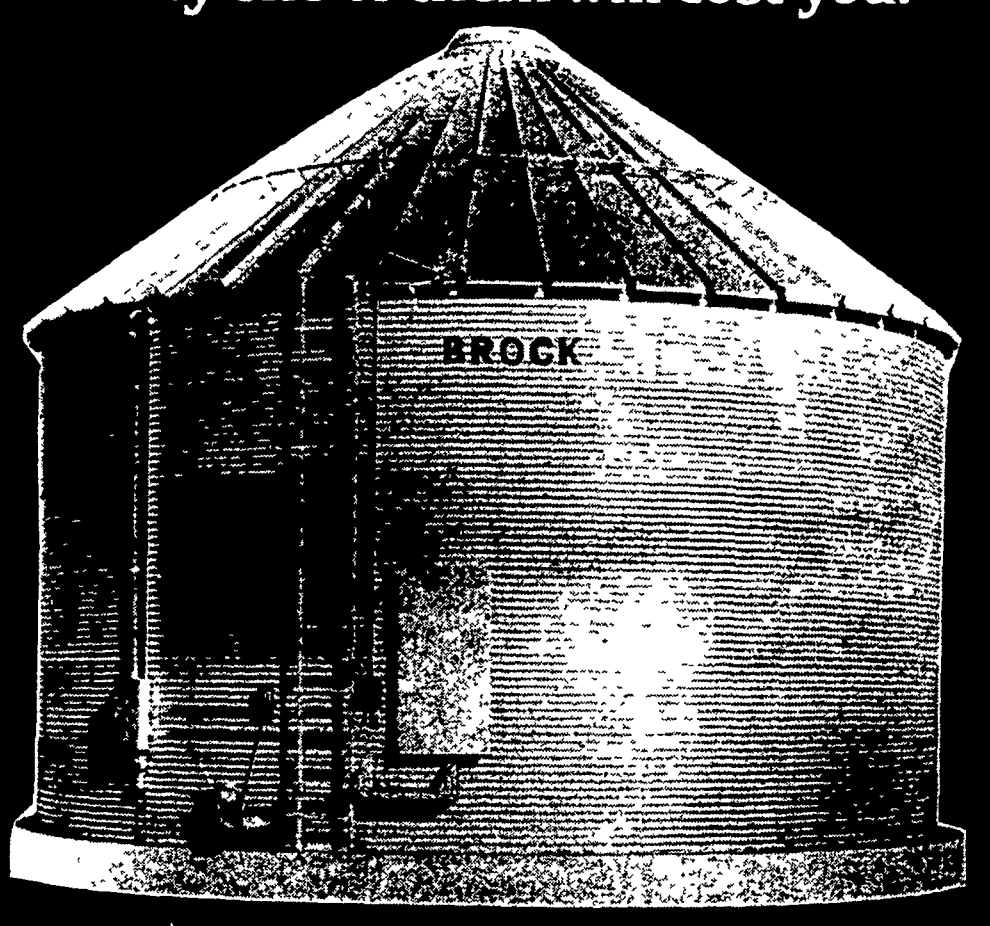

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Salute Robson family

Tioga Holstein Association holds annual meeting

MANSFIELD — The Tioga County Holstein Association recently elected new directors and presented awards to Junior members with top production records, during their annual meeting held at the Whitneyville Youth Center.

Newly elected directors included Ed Robbins, Larry Herman, and William J. Smith. Smith was later elected president of the Association and Herman will serve as his vice president. Ann Lee Baity and Charlotte Smith will serve as secretary-treasurer and reporter, respectively.

The Junior club advisor, Jim Powlison, presented the milk and fat awards.

In the 2-year-old division for milk and fat, Curtis Robbins took first place, Penny Smith was second, Steve Smith was third, Jennifer Robbins placed fourth, and Gary Baity was fifth.

Penny Smith's 3-year-old was first for milk and fat

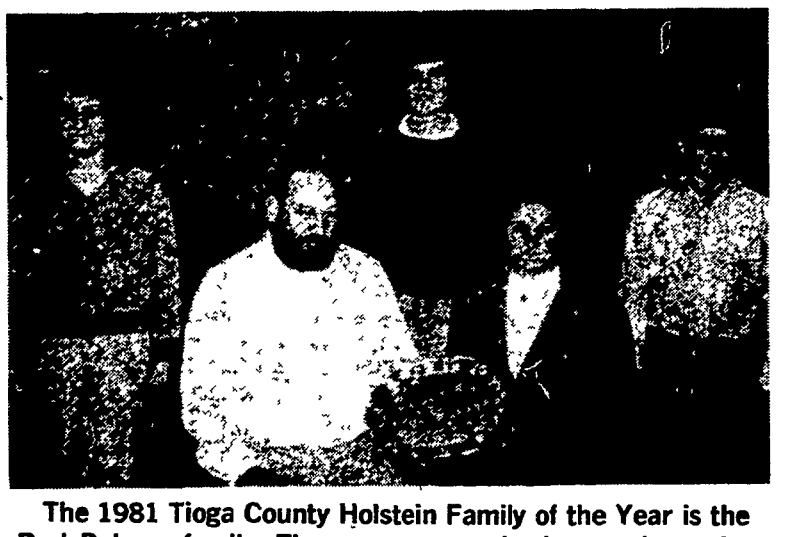
In the 4-year-old class, Gary Baity had first for milk and second for fat, while Penny Smith had first for fat and second for milk.

The first place aged cow for milk and fat is owned by Steve Smith.

The Bud Robson family was honored and named 1981 Tioga County Holstein Family of the Year. The award is sponsored by the Junior Holstein Club.

Bud, Leona, and children, Brenda, 14, Sandy, 12, and Brian, 10, live and work on a 150-acre Holstein farm called Gray-Valley Farm, located near Mansfield. Their registered herd consists of 36 milking cows and 35 young stock.

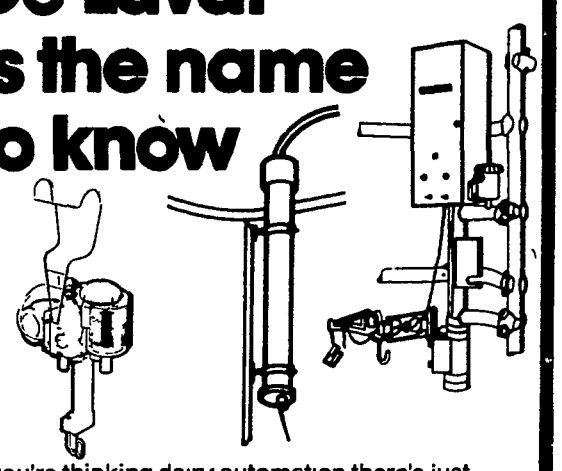
Bud has worked as an A.I. technician for eight years and sidelines as a seed salesman along with his farming. Leona and children are all active in 4-H. The entire family works together in showing their Holsteins at county, regional, state, and national shows.



The 1981 Tioga County Holstein Family of the Year is the Bud Robson family. They were recognized recently at the Association's annual meeting. Pictured with Bud and Leona Robson are children Sandy, Brenda, and Brian.

Dairy Automation

De Laval is the name to know



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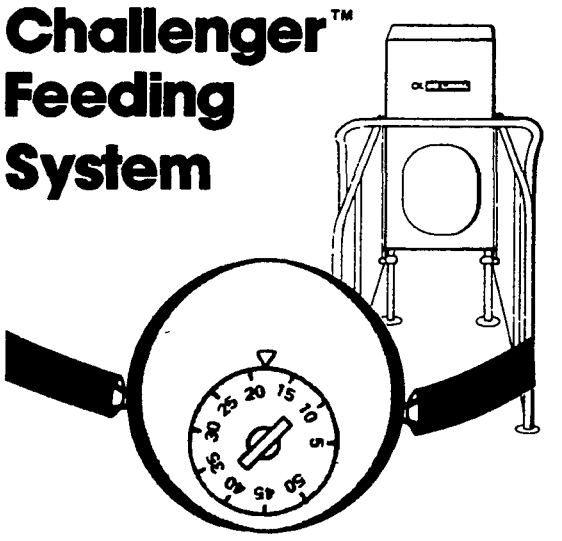

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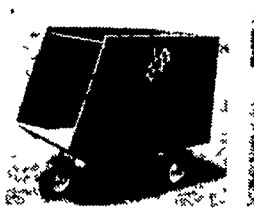

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Block said he is elated about the end of the Soviet grain embargo. He also took the opportunity to express his sentiments about the proposed Farm Bill and encouraged the farmers' support. Humorous tales of his childhood on the farm brought a hearty laugh from Pennsylvania Farmers' Association President Eugene Thompson, right, and Director Keith Eckel.

Block

(Continued from Page A1)

the prospects of peace.

"We have a strong administration. We won't carry ineffective baggage like the embargo that's discriminatory against farmers," Block exclaimed.

Concerning the political problems in Poland, Block noted the Soviets didn't invade after the announcement of an embargo end.

"They exerted restraint to date," he said. "We'll have to deal with those problems as they present themselves."

When asked what the embargo's effect will be on future grain sales to Russia, Block stated negotiations have already begun to reach a future sales agreement.

"How strong a customer they'll be, we can't predict," he admitted. "Whenever trade is interrupted, the supplier becomes suspect. They may rely on the other countries whose trade they've cultivated."

However, Block did predict what would happen to the price of grain here in the U.S. He said he saw a "generally stonger market for grain with higher prices by fall" He added the high grain prices might encourage dairy farmers to sell some of their cows.

"That might not be a bad idea considering the current surplus," he chuckled. He added dairy producers would then see price support higher and a balance of supply and demand

Block claimed there is an ample supply of grain in stock — 250 million bushels of feed grain more than what was thought and a 5 month supply of wheat.

"It looks like the hogs in the U.S. didn't eat as much as we thought they would — maybe they were my hogs," he laughed

Block emphasized farmers are in the business of selling their products, and agriculture's life blood is exports. He said this year's grain stocks should be more than adequate to meet both the domestic and export needs of the U.S.

Another issue on the Secretary's mind was farmland preservation. He stated the federal government will take a leadership role in helping to save the farmland However, he pointed out the responsibility lies with state and local governments. He announced an inter-agency committee has been set up at the federal level to study farmland preservation

Block advised farmers to keep abreast of political issues, stating "Agriculture needs to work together in the political process. Politics affects farmers' lives, whether they're parking a car or buying a loaf of bread. If farmers aren't watching, they'll be unaware of decisions — they'll have to live with the results."

He reassured the PFA members that he is making an effort to staff USDA with people whose philosophy on agriculture is in tune with the administration's philosophy.

"We have experienced people who want to safeguard agriculture. It's a tremendous team and one I'm proud of. You can judge by our performance — I'm excited about what we have to offer."

Block encouraged his audience to support the Farm Bill legislation — even the dairy producers who are fighting for 75 percent parity versus 70 to 90 percent Block said he sympathized with the dairy producer's hard life which he recognized as a drain on the farm family, having grown up on a dairy farm, himself.

"What we're saying is give us flexibility to get those stocks reduced — now. Stocks are accumulating at an astounding rate. By October 1, you may see 69 to 70 percent parity I'm afraid producers aren't cutting herds as fast as they should be"

Block stressed, however, the new Farm Bill is designed for everyone — consumers, too — and is not only to serve farmers

"The new Farm Bill is 'outstanding'," he exclaimed "It's in keeping with the President's philosophy on a free agriculture — one that's more reliant on the market than on price allocations and deficiency payments

"By relying on supply and demand, farmers will be giving up some security. But there are profits to be made in the market place — I know that's how the farmers really want it"

At first fund drive

FARMER hosts Block

HARRISBURG — The first fund raising banquet for FARMER, the political action committee of the Pennsylvania Farmers' Association, was held here last Friday evening.

The success of the campaign, with its 200 supporter turnout at $100 a plate, could be attributed (at least in part) to the drawing card in keynote speaker John R. Block, U.S. Secretary of Agriculture.

FARMER is a bi-partisan, voluntary, tax deductible, fund raising political action committee.

PACs are a relatively new concept occurring in politics. Recent changes in election laws make PACs a legal method for groups to donate money to people seeking public office.

Serving on the FARMER committee are: Christian Wolff, Millville, chairman; William Moore, Region 1, Myerstown; John Stoner, Region 2, Mercersburg; Frank Bertovich, Region 3, Bentleyville; George Gredg, Region 4, Grove City; Frank Sankey, Region 5, Clearfield; and Gary Reichard, Region 6, Honesdale.

Guernsey sale

(Continued from Page A1)

They were consigned by Thomas Lurvey and Chester Williams, of Baraboo, Wisc.

Their dam is Willow Brook C. Dena, who holds three national class leading records, including 35,170 pounds of milk and 1385 of fat in 365 days as a four-year-old. At Ex.-91, she is the top cow for milk and fat production in the breed.

Their dam is Willow Brook D. Denise. The grand dam was bred by Vaughn Moore, of Chambersburg. Both the dam and the grand dam went through the sales ring at the Guernsey Sales Pavilion in Lancaster.

A two-year-old, also sired by Clovelly Top Hornet, brought $12,000. Fauver Hill TH Fredella was consigned by Bernard Tralle, of Onalaska, Wisc, and purchased by K. A. Forster, R2, Lynden, Ontario, Canada.

A couple of the consignments also had Pennsylvania connections at the sale, which had the highest average for consignment events in the history of the breed.

Applebrook Fayvors Susie, consigned by Donald Brown, of Oxford, was sold for $3,000. She went to the same home as the top selling cow. She is a daughter of Housleys Dari Fayvor.

Pen Col Top Hornet Pastel, bred by Chris Wolff, of Millville, Pa., brought $6,800. She was sold to C. E. Cotting, of Chedco Farm, Berlin, Mass. An Excellent daughter of Top Hornet, she was milking 95 pounds a day at the sale.

Some 500 people were in attendance at the sale, which was held on April 11. There were consignments from a dozen states and active bidders from 15 or more states and Canada.

Bernard Tralle, Guernsey owner and breeder of Onalaska, Wisc., explains that by the end of the year all Guernsey owners in the state should be realizing the added income from the component pricing for protein.

Wisconsin began the practice three years ago and participation in the added income has expanded from the 10 or 15 percent of Guernsey owners who took part the first year.

The component pricing features a payment of 25 cents a point for protein over 3.2.

The component pricing on the average is adding $1.00 a hundredweight to milk checks, or about $150.00 added income per cow, Tralle estimates.

"The component pricing has gone above and beyond anything we have ever imagined," he said.

Cantaloupes

(Continued from Page A1)

Before last year's start of the supermarket program with Acme, the sale of cantaloupes off the Eastern Lancaster County farms had largely been an individual effort – either through roadside stands or to some local markets.

Martin said that farmers often found themselves with only one of two possible options many times during the peak of the season.

"Some people would drive up from the city and get a truckload for as cheap as a dime apiece or the farmer could dump them over the back fence," he said.

Even last August, cantaloupe specials were seen at stands along Rt. 322, featuring prices of 10 for a dollar.

It is expected that the county cantaloupes will be bulk shipped to central warehousing and distribution facilities for the supermarkets located in Philadelphia.

One of the biggest local needs may be a packing facility to inspect, grade and package the cantaloupes, according to George Perry, of the Farmer-Consumer Services Association, Inc., of West Chester, which last year was involved in a sizable pepper growing-marketing project in Eastern Lancaster County.

"Twenty-seven acres of peppers were grown last year," Perry said, "but there are no plans for any this year."

"It was a bad year to try such a venture. Growers ended up with less than a 50 percent crop.

"It was bad because of the drought and the extreme heat during the latter part of August caused a blossom drop. Growers lost two or three pickings during that time."

Perry said that the Farmer-Consumer Association will not be involved with county growers this year, other than the marketing of some cantaloupes.

"We've had some more meetings in the area," Perry said, "and still want to spur interest in the growing of vegetables.

"We still believe that it is much more attractive financially for the farmers. We've found that there are a couple of sizable obstacles that must be worked with concerning the fresh market in that area. Those are communications and transportation for these perishable products."

In another phase of the Lancaster County fresh produce growing market, it is expected that processing tomato acreage may be increased this year, too.

It has been reported that contracts up to $90 a ton have been arranged for this year, which would be a sizable increase over the $72 a ton which was paid last year.

Many of the processing tomatoes are grown in the southeastern section of Lancaster County, particularly in the area below Paradise.

PRV survey nears completion

HARRISBURG — The pseudorabies survey currently being conducted in Lancaster County by the Pennsylvania Department of Agriculture's Bureau of Animal Industries is 75 percent complete, reports Chief Veterinarian Max Van Buskirk.

"We expect to complete the blood testing within ten working days and should be pretty nearly finished by May 10," he stated.

He pointed out, however, the test results will not be completed in the laboratory for at least another week after the blood testing is finished.

Since the survey began in early April, seven new herds have been positively identified as being infected with pseudorabies, bringing the total to 33. These herds are under quarantine, said Van Buskirk. He pointed out several of the infected herds have only a small number of hogs.

The seven additional pseudorabies infected herds are not adjacent to one another, Van Buskirk said, but are within the original problem area.

The state veterinarian said he was pleased with the cooperation the state testing team was receiving from Lancaster farmers

"The farmers have been excellent to work with and everything has gone smoothly," he stated.

USDA recounts embargo facts

WASHINGTON, D.C. — In response to the invasion of Afghanistan by Soviet troops on December 27, 1979, President Carter on January 4, 1980, ordered the suspension of grain sales to the Soviet Union except for the 8 million tons per year of corn and wheat the U.S. was committed to sell under the U.S.-USSR Grain Supply Agreement

The embargo, effective January 7, 1980, was invoked for national security and foreign policy reasons under the Export Administration Act. Besides grain, it covered soybeans, animal feed ingredients, seeds, meats, poultry products, dairy products, and certain animal fats, and it required prior approval for exports to the USSR of most other agricultural products. (High technology industrial items also were embargoed, and in February fertilizer was added to the list.)

The grain sales agreement had been negotiated in 1975 to cover 5 years (October-September), beginning October 1, 1976, and ending September 30, 1981. Under its terms, the Soviet Union agreed

(Turn to Page A36)

Eastern-Leprino cheese operation draws DER fire

BY JANE BRESEE
Staff Correspondent

SOUTH WAVERLY — Alleged improper waste disposal practices at the South Waverly cheese plant of Leprino Foods and Eastern Milk Producers Cooperative drew increasing fire this week from state environmental officials in both Pennsylvania and New York.

The practices involve two types of violations.

First, officials of Waverly, N.Y. and the New York Department of Environmental Concern are considering action against Leprino for violation of waste discharge limits into the Waverly Sewerage Treatment Plant.

Also, the Pennsylvania Department of Environmental Resources is determining the seriousness of violation and what action should be taken against Eastern Milk Producers for negligent disposal of the whey from the cheese production process.

James Chester, Regional Director for the DER, brought the whey problem to a head last week when he addressed the spring meeting of the Bradford-Sullivan County Farmers Association at the Monroeton Fire Hall.

"Since the summer of 1979," Chester told the farm group, "we have tried to get the whey problem solved smoothly without being hardnosed. "Lepring and Eastern said that they were wrong and promised to correct their practices.

"Now, we are as far as we can go and we feel that we have been deceived and have asked Leprino and Eastern to separate themselves from the process of getting rid of the whey."

Chester said that about 90,000 gallons of whey are produced each day as a by-product of the cheese making.

The DER official reaffirmed his position this week

"Eastern should get out of the whey disposal business," he said.

"Their record has been one of repeated failures and negligence."

Eastern, he explained, holds a permit to spray irrigate the whey in sections of Smithfield Township in Bradford County. But application is supposed to be limited to an inch per acre per year.

"This area has been grossly overloaded," Chester said.

"There has been excess discharge runoff of 50,000 to 100,000 gallons and it has fouled a pond and wells."

Chester said that a penalty of $17,000 had been levied against Eastern in late-1980, which included promises that operations, practices and even personnel would be changed.

The agreement called for a cessation of application in a certain area, according to Chester.

"In the past week, we've found the improper application of tens of thousands of gallons of whey in the same area where the operation was supposed to have been halted.

"We have been given numerous assurances that the practices would be changed, but there has been repeated failures to carry them out."

Chester also told the Bradford-Sullivan Farmers Association that the wells of the Masonite Corp. in East Towanda are being fouled up.

"You have a tremendous problem coming up around you," Chester told the farm group.

"You who are a part of Eastern Milk should be intimately involved in how to deal with the situation "

Eastern has a 20-year full supply contract with Leprino to provide the milk for the cheese plant. Eastern owns about 11 percent of the plant and its efforts to get financing to purchase the plant and lease it to Leprino have been unsuccessful.

The Farmers Home Administration just recently denied a $20 million loan guarantee to Eastern, primarily for credit reasons.

Chester of the DER also mentioned the proposed location of a Schep's cheese plant in Wyoming County. Installation of a 1,000-gallon capacity sewage plant has been approved, he said, but what about the 160,000 gallons of whey that are produced each day.

He said that a plan to feed it to livestock is being investigated, wondering how many head are needed to consume these large amounts.

Chester said that water will be a hot and heavy problem during the coming year. He said that another regulation about to be acted upon are the vapor recovery systems on underground gasoline tanks. He said that a day is coming when the granting of extensions will run out for their installation.

"Another problem is the algae in lakes which is caused from the nutrients in agricultural fertilizer," Chester said.

"This problem was experienced a year ago and will likely occur again,"

Chester told the farming audience to get involved in the process of locating sites for hazardous waste dumps.

"What are you going to do when a company buys 500 acres in your area?" he asked.

"They will already have looked at the zoning. They'll hire two lawyers to appeal your protests through all the courts. All the state will do is look only at the criteria and regulations."

He further explained that the DER is being sued presently for allowing solid wastes to be dumped into a site, which is definitely unsuitable. But the mayor of the area and local legislators had insisted that the site be used

Kevin Ferris, president of the 953-farm family organization, was chairman of the meeting. A resolution to raise annual dues from $35 to $50 was passed.

Marilyn Bok, a member of the League of Women Voters, demonstrated and explained the electronic voting machine whose use will be decided in a referendum in the upcoming Primary Election.

Visitors at the meeting were Rep. Roger Madigan, Bradford County Commissioner William Gannon and wife, Barbara; Fred Tiffany, PFA director, and wife, Jean, a director on the PFA Women's Committee; and Jeff Patton, regional organization director.

Regional Director of Department of Environmental Resources James Chester, right, explains regulations to Lewis Neuber, of Sugar Run, following spring banquet of the Bradford-Sullivan County Farmers Association. Chester severely criticized improper disposal practices involving whey from the Leprino Foods and Eastern Milk Producers cheese plant at South Waverly.

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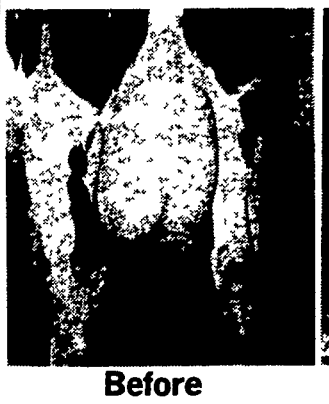

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Research seeks to drought-proof corn

LANCASTER — While politicians, weather forecasters and nearly everyone else talk about the effects of drought on the economy, few U.S. crop scientists are actually doing something to help advert its disastrous blow on food supplies in the future.

But at least one company, DeKalb AgRearch, Inc., DeKalb, Illinois — a major supplier of hybrid corn and sorghum seed — has been working to improve food supplies for more than a decade. Their research has attempted to drought-proof the hybrid corn seed that farmers plant each spring.

One approach DeKalb researchers are actively investigating is a genetic system that induced semi-dormancy in order to protect corn plants during short drought periods. The goal is to develop hybrids that match or exceed present yields but do so with less water than is now required.

Benefits would be two-fold: (1) irrigation farmers could reduce water needs and irrigation costs and (2) growers in moisture-short areas could produce a respectable yield compared to little or nothing at all.

Much of DeKalb's research work focuses on a genetic system called "latente." This is the Spanish word for "dormant." Plants with the latente system have the ability to go dormant during drought periods and resume normal growth when revived by rainfall or irrigation.

Like other drought-tolerance characteristics, the mode of operation of this latente system is difficult to pin down.

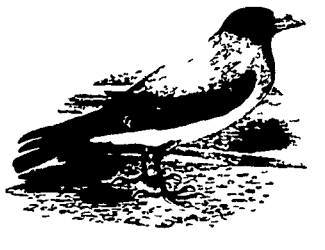
"This does not appear to be a simple one or two-gene complex which can be easily transferred into corn inbreds (parents of hybrids) for making new drought-tolerant hybrids," according to DeKalb's corn physiologist Ron Castleberry, DeKalb, Illinois.

Currently, DeKalb plant breeders are transferring this latente source of drought tolerance into modern hybrids. Company officials say "the hybrids are under test at many locations and look very promising."

Corn breeders say intensified efforts to drought-proof corn are already paying off for many farmers.

"Last season, DeKalb's new XL-25 corn hybrid demonstrated how built-in tolerance to dry weather stress can be a good ace-in-the-hole," DeKalb vice president Harold Noren explains, "At DeKalb's testing locations in drought-stricken Illinois, Iowa, Minnesota and Michigan, XL-25 managed to squeeze an average of 109.8 bushels per acre out of available moisture while 25 competitive hybrids yielded an average of only 99.1 bushels per acre."

Until scientists find a way to control the weather, you can bet that corn breeders will continue their search for better hybrids.



Embargo facts

(Continued from Page A34)

to buy from private U.S. companies a minimum of 6 million tons of U.S. corn and wheat yearly, and the United States agreed to facilitate the sales. No maximum was set, except that shipments of more than 8 million tons in any one year could be made only after prior consultation with the U.S. government. The 6-million-ton minimum purchase was to be about evenly divided between corn and wheat.

The embargo was invoked three months into the fourth year of the grain agreement, in which U.S. and Soviet officials had agreed that the supply level for U.S. wheat and corn could be up to 25 million tons. When the embargo was ordered, the Soviet Union had contracts for delivery during the agreement year of about 21.8 million tons of U.S. grains - 6.7 of wheat and 15.1 of corn. About 5.5 million tons of this had been loaded or shipped, leaving 2.5 million to be shipped to reach 8 million tons. Contracts for 13.8 million tons were cancelled. The embargo also forced cancellation of contracts for 740,000 tons of soybeans, 400,000 tons of soybean meal and 70,000 tons of soybean oil.

The United States met the fourth-year grain commitment, and the 8 million tons for the fifth year had been sold and virtually all shipped by April 1 - 3 million tons of wheat and 5 million tons of corn.

The Commodity Credit Corporation agreed to assume the outstanding contractual obligations on grain and soybeans, and adjustments were made in the grain reserve and other programs in an effort to cushion the impact on farm prices.

U.S. officials met in Washington January 12, 1980, with officials from Canada, Australia, the European Community and Argentina, seeking their cooperation. The first three agreed not to replace U.S. grain blocked from shipment to the USSR, but Argentina said it had no control over the destinations of its exporters' shipments.

Increased demand in other markets more than offset the canceled Soviet contracts and total U.S. wheat and feed grain exports rose by more than 16 million tons - from 91.6 million in 1978/79 to 108 million in 1979/80. Wheat shipments increased by 1.6 million tons to China, 1 million tons to Yugoslavia and were up substantially to Bangladesh, Romania, Morocco, Czechoslovakia, East Germany and several Latin American countries.

Chester County Equine Council names board of directors

CHESTER COUNTY EQUINE COUNCIL

CHESTER — Officers of the Chester County Equine Council were recently elected.

President of the newly formed committee is Leslie Sharpnack, an avid horse enthusiast who is a member of the Valley Forge Riding and Driving Association and the Delaware Valley Combined Training Association.

Vice President Sabrena Paaby is also a member of these two associations and is the manager/trainer of Mine Run Farms in Malvern.

Cooky McClung, equine journalist and member of Doc Addis Hunt and Lewisville Hunt, was elected secretary.

Treasurer of the Council is Pat Theurkauf, secretary of the Pickering Hunt and member of the Pennsylvania Horse Breeder's Association

Other members of the Executive Board are Valerie Kanavy, president of Unicorn Trail Designs; Lisa Knox, manager/instructor of Echo Valley Farm; and Claramay Stearly, member of the Trail Riders Association.

The first general membership meeting will be held on Tuesday, May 12 at the Widener Amphitheatre, New Bolton Center, Kennett Square. The meeting will begin promptly at 7:30 p.m. All horse enthusiasts regardless of background are invited to attend.

For further information, contact Cheryl Moran, Chester County Agricultural Agent, 215/696-3500.

Game Commission special permits return $44,566

HARRISBURG — Special permits issued during the most recent fiscal year by the Pennsylvania Game Commission returned $44,566 to the Game Fund, a recent compilation shows.

During the 1979-80 fiscal year there were 3320 special permits issued, compared to 3200 the preceding year for $43,065.

In 1979-80, the largest number of permits, 1258, went to disabled persons for hunting from vehicles. The permits carry a nominal fee of $1 each.

The greatest return to the Game Fund was through the issuance of 328 fur dealer permits at a cost of $8200.

The 307 licensed taxidermists in the state paid $7675 for the permits issued to them.

Private regulated shooting grounds operators paid $6310 for their 141 permits, while 408 propagators paid $6120 for their permits.

Nonresident fur dealers were charged $3400 for the 34 permits issued to them, while the 165 dog training permits issued returned $3300 to the Game Fund. The final major item on the list was the 28 commercial regulated shooting grounds permits issued for $2000.

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Children can help in energy battle

YORK — Energy conservation is not for adults only. Youngsters can do a lot to save energy, too. Parents can set the best example for their children by making some basic facts available to them and by practicing when they preach, says Joan Lamberson, home economist.

Water seems to hold a fascination for children. They tend to have a heavy hand on the faucet when getting a drink of water or when brushing their teeth.

Children can be taught to fill a glass with only as much as they intend to drink and to turn the water off when brushing their teeth. Teach youngsters to turn faucets off completely to avoid drips. If height is a problem, make or buy a stool so the children can reach the faucet adequately.

When it comes to bathing, a little water can go a long way with children. Small youngsters can take a tub bath together to save water.

Another energy weakness children are prone to is standing in front of an open refrigerator while deciding what to eat. This wastes electricity by causing the refrigerator to work harder, and if you have an old-style manual defrost refrigerator with the freezer inside the unit, it will cause ice to build up rapidly during the summer months.

Teach children to think about what they want before they open the door. If they don't know what they want, perhaps they aren't really hungry.

Be creative in thinking of ways to save energy in your home. If your children like cool drinks on hot summer days and perpetually head for the ice trays in the freezer, try filling an ice chest with enough cubes to last the day. You will save energy in your freezer and will be setting a good example example for your children on how to conserve.

You can cut down on the number of drinking glasses used in a day by marking each child's cup with his or her name. One cup per child each day can go a long way toward saving you or your dishwasher time and energy.

Be patient when trying to teach children energy conservation and keep in mind that you may serve as their most prominent example of how to conserve.

Bassler assumes U. of Md. Extension post

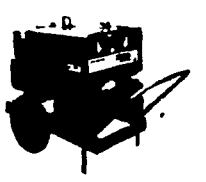
COLLEGE PARK, Md. — Robert E. Bassler, Jr., New Windsor, has been appointed Extension Environmental Quality Engineer in the Dept. of Agricultural Engineering, University of Maryland in a joint announcement by Larry E Stewart, Department Chairman and Robert L. Jones, Carroll County Extension Chairman.

Bassler, who will be located in the Carroll County Extension Office, Westminster, will be responsible for educational programs relating to Maryland's Water Quality Plan and the pilot Rural Clean Water Program in Carroll County

He will work closely with County Extension Agents and Soil Conservation Districts on activities aimed at helping Maryland farmers meet water quality standards His location in Carroll County will enable him to work directly with Double Pipe Creek farmers in the RCWP project.

Bassler is a graduate of Francis Scott Key High School where he was active in 4-H, FFA, dairy and ag mechanics projects. He received his B.S. in Agricultural Engineering at the University of Maryland in 1979 and was employed by Agway, Inc in sales engineering prior to his Extension appointment

Bassler is a member of the American Society of Agricultural Engineers, St Luke's Lutheran Church, and the New Windsor Volunteer Fire Company He lists backpacking and rock climbing among his hobbies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Quarantine businesses in Lancaster, Mechanicsburg

USDA confirms another Kaphra beetle infestation in N.J.

NEW YORK, N.Y. — Another infestation of khapra beetles — the world's most destructive pest of stored grains and cereal products — has been confirmed, this time at two military warehouses in Bayonne, N.J., according to an official of the U.S. Department of Agriculture.

"This infestation, which brings the total to 19 found during recent months, was found during continuing routine inspections at the Military Ocean Terminal warehouses," said Don Woodham, technical coordinator for USDA's Animal and Plant Health Inspection Service.

The empty warehouses, owned by the Department of the Army, are each about 2.5 million cubic feet. They're used primarily for "stripping" or cleaning military goods returning from countries in the Far East.

During stripping, equipment being shipped is inspected for the presence of any "hitchhiking" pest hazardous to the health of humans, animals or plants, Woodham said.

"The Army is considering fumigating the premises," he said.

Of the 18 confirmed khapra beetle infestations found during the ongoing APHIS khapra beetle program, 15 sites have been treated, one business is in the process of being treated with a high pressure insecticide spray, and two facilities have not yet been treated until a course of action is decided by the owners, Woodham said.

"The three untreated businesses, in Lancaster, Mechanicsburg, and Broolyn, N.Y. all remain under strict quarantine," he said.

The khapra beetle, which is native to India, causes millions of dollars of damage to stored grains and cereal products annually world-wide. It was first detected recently in a New Jersey spice company in October 1980.

Wismer joins U. of Penn's vet school board

HARRISBURG — Charles E. Wismer, Jr., Pennsylvania State Grange Master and Montgomery County resident, was recently appointed to the Board of Overseers for University of Pennsylvania's School of Veterinary Medicine.

The appointment was made by action of the University's Executive Board of Trustees for a three-year term effective April 1.

The Board of Overseers serves as an advisory body to the president, provost, dean and trustees of the veterinary school. As head of an organization representing a largely agricultural sector, Wismer has long been supportive of veterinary research at the University's New Bolton Center outside of Philadelphia.

Wismer has served as Master of the State Grange, an organization of some 44,000 rural persons across Pennsylvania, since 1979. He had previously been active in Pomona (county) and Subordinate (local) Granges for 30 years.

A dairy farmer owning a 175-acre spread in Montgomery County, Wismer has served as mayor of the borough of Trappe for the past four years, president of the Trappe Historical Society and chairman of the Borough Planning Commission.

In addition to his work with the Grange, Wismer's endeavors for agriculture have included 11 years as Community Committeeman for the Agricultural Stabilization Conservation Service and three years as Agway Community Committeeman.

Cement kiln dust useful

ALLENTOWN — Valuable potash in some seven million tons of kiln dust going into landfills annually from cement factories could be processed for fertilizer, according to soil chemists at Penn State.

Such cement kiln dust, high in alkali, could provide the neutral soil needed to produce no-till corn and similar reduced tillage crops, says Dale E. Baker, professor of soil chemistry at University Park.

Baker and associates have determined that the potassium in a one-ton-per-acre application of cement kiln dust would meet the initial potash requirements for corn on many soils. The high alkaline level of cement kiln dust would provide the neutral soil needed for utmost efficiency of herbicides in producing no-till corn, it was pointed out.

Currently, the cement industry pays about $2 per ton to dispose of kiln dust in landfills.

Carrying out several aspects of the experiments with cement kiln dust at Penn State are Jeffrey A. Risser and Willie T. Doty, research assistants in soil chemistry.

From studies at one cement plant, Risser and Doty concluded that a kiln dust, lime-potash fertilizer could be produced with a guaranteed analysis of 35 percent calcium oxide, six percent magnesium oxide, five percent potash, and four percent sulfur.

Baker noted that cement kiln dust has the required clearance for use on agricultural land. The U.S. Environmental Protection Agency, in May of 1980, exempted kiln dust and other solid wastes-returned to the soil as fertilizers-from being classified as hazardous wastes.

Moreover, greenhouse experiments carried out by scientists of the U.S. Department of Agriculture 20 to 30 years ago showed that kiln dust had potential value for liming the soil.

xxx

There are 1,298,000 beef cattle herds located in every state and they account for 26 percent of the cash farm receipts in the U.S. Many small farms are involved, since 84 percent of the beef operations and half the beef comes from herds of less than 100 cows.

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Here are consumer tips for alcohol still buyers

WASHINGTON, D.C. — It can be a matter of life or death. A faulty alcohol still can kill a person in different ways, not the least of which is an explosion.

That's one of several reasons why a farmer or cooperative setting up an ethanol distillation plant should require the contractor or manufacturer to put up a performance bond and sign an agreement guaranteeing the buyer against loss because of defects in design, equipment, materials or construction.

Buyers also should have tangible evidence a plant will work — such as watching it produce ethanol over a two-day cycle.

This advice comes from U.S. Department of Agriculture officials who point to news reports on fast-buck energy 'artists' trying to sell stills that have never been tested and may not produce fuel ethanol.

"We expect USDA will be giving loans for rural production of alternate fuels by systems of modest size, cost and design," said Deputy Secretary of Agriculture Jim Williams. "We want to help on-farm producers get into business but not before they have carefully studied it and prepared themselves to overcome potential problems.

"It can be exciting — in the 'forefront' of energy science and technology, and it also can be frustrating and time-consuming. But farmers who take time to study and plan carefully are not wasting time."

Instructions issued to state and county loan officers by USDA's Farmers Home Administration on processing FmHA loans for alcohol or methane plants give details on guarantees that should be written into construction contracts.

Samples of wording for guarantees are available from FmHA offices.

FmHA has about $10 million this fiscal year for direct loans to farmers or rural groups who can't obtain credit elsewhere to set up ethanol or methane plants. FmHA also is authorized to guarantee as much as $100 million in business-and-industry loans to potential ethanol or methane producers by Sept. 30.

Assistant Secretary of Agriculture Alex Mercure, whose duties include supervising FmHA, said FmHA regulations state that when a "custom" plant is under consideration, its design should be based upon "actual operation history of existing units."

"Borrower-constructed projects must have close guidance and supervision by a qualified engineer," Mercure said. "This guidance can be provided by a state university engineer or a private engineer.

"As for packaged plants, any performance certification should be based upon at least a 60-consecutive-day test period in which all process inputs, outputs and operating times are certified by an acceptable testing entity or recognized engineer."

Mercure said some of these systems may be designed by private engineers or engineers from a land grant university who do not provide guarantees and insurance.

"Any absence of bonding and insurance places more responsibility upon FmHA officials and requires close scrutiny of any proposed development," he said.

Weldon Barton, USDA's Office of Energy director, said safety features are crucial. One concern is flammability. Some people don't realize that an alcohol flame is colorless, hence not easily spotted.

Barton said farmers and others might well treat alcohol as if it were as dangerous as gasoline and thereby take adequate measures against ignition of ethanol leaks, ethanol fumes or grain dust.

For example, if electric pumps are used, their motors should be explosive-proof — fully enclosed. Equipment should be grounded to prevent static electricity.

At least one recent fatality occurred when a still built by a farmer exploded beside him. Another fatality resulted when a plant operator removed a protective cover from an observation point and breathed in so much carbon dioxide that he lost consciousness and fell into a fermentation vat and suffocated.

"Vats should not be put in closed buildings," Barton said. "Such buildings should be open at the top and at one side. No one should enter fermenting tanks, beer wells or stillage tanks that are not adequately vented."

Two manuals are available with useful information on safety and other matters. One is "Small-Scale Fuel Alcohol Production" — stock number 001-000-0412-0 one produced under contract with USDA and available for $6 per copy from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20201.

The other is "Fuel from Farms, A Guide to Small-Scale Ethanol Production," available from the Technical Information Center, U.S. Department of Energy, P.O. Box 62, Oak Ridge, Tenn. 37830. It lists a number of other safety precautions, such as:

Never smoke or strike matches around ethanol tanks, dehydration areas, distillation columns or condensers.

Never use metal grinders, cutting torches, welders and related equipment near systems or equipment containing ethanol. Flush and vent all vessles before performing any of these operations.

Install, regularly maintain and check safety boiler "pop" valves set to relieve when pressure exceeds maximum safe pressure of a boiler or its delivery lines.

Adhere strictly to boiler manufacturers' operating procedures. If a boiler's pressure will exceed 20 pounds per square inch (psi), it should be certified by the American Society of Mechanical Engineers (ASME). Maintain continuous operator attendance during boiler operation.

To prevent scalding from steam, place baffles around flanges to direct any direct steam jets away from operating areas. Use welded joints in all steam delivery lines. Insulate steam delivery lines to prevent contact burns.

Give special handling to bases and acids, many of which are dangerous. For example, concentrated acids never should be stored in carbon steel containers. Note and adhere to other precautions for such materials.

One potential problem sometimes overlooked, according to Don Fink of USDA's Office of Energy, is when components from different technologies are mixed. They aren't always compatible. As an example, he recalled an ethanol plant built with valves from a former dairy to handle movement of fluids. "They 'froze', plugged solid because some ethanol plant fluids contain a high percentage of solids. Valves in alcohol plants must be able to handle heavy fluids."

Also troublesome for a beginner is the question of how to find plans for building a trustworthy distillery plant for a farm or farm cooperative, Fink said. Because of wariness about competing with private industry and about rapidly changing technology, state and federal agencies don't make the few existing plans available.

Considerable information is available, however, from the National Gasohol Commission at 521 S. 14th St., Suite 5, Lincoln, Neb. 68508; the National Center for Approprite Technology (NCAT), P.O. Box 3838, Butte, Mont. 59701, and in major libraries. Loan information is available from FmHA offices.

Officials of NCAT, funded by the U.S. Community Services Administration — a federal agency - say they hope to have a demonstration distillery in operation at Butte by the end of this year. The gasohol commission has names of responsible engineers and manufacturers plus technical data.

The manual on "Small-Scale Fuel Alcohol Production" says four types of insurance are needed by any producer. Insurance rates vary from company to company and state to state. For estimation purposes, it listed the following rates: General Liability, $500,000 coverage should cost 65 cents per $100 payroll; Product liability, $1 per $100 sales; Workmen's compensation, $4.93 per $100 payroll; and Fire and extended coverage 80 cents per $100 sales.

USDA asks farmers' cooperation to control PRV

NEW YORK, N.Y. — U.S. Department of Agriculture veterinary officials are urging producers to help halt the spread of pseudorabies by properly disposing of animals that have died from the disease.

Pseudorabies is a herpes virus disease of swine that also affects cattle, dogs, cats and some wild animals such as skunks and raccoons. In swine, death rates decrease from almost 100 percent in newborn pigs to just a few deaths in older hogs. In other species, the disease is most often fatal and is one of the cruelest deaths an animal can suffer.

"An increasing number of states reporting confirmed cases of pseudorabies in swine are also reporting increases in the number of cattle deaths due to the disease," said James Downard, senior staff veterinarian for swine diseases of USDA's Animal and Plant Health Inspection Service.

"Improper disposal of dead baby pigs during an outbreak has caused the death of cattle and dogs on a number of farms," Downard said. "Too often, dead pigs have been dumped into the manure spreader and disposed of in the manure spread on nearby pasture or cropland."

Dead animals should be sent to rendering plants, incinerated or buried properly. Dogs and wild animals can dig up a carcass if it is not buried deep enough, he said.

During 1980, Downard said, there were 1,217 laboratory confirmed cases of the disease in 24 states. "However, tissues or serum from many clinically diagnosed cases are not submitted for laboratory confirmation," he said.

Over 80 percent of the cases reported in 1980 came from six states — Iowa 534, Illinois 131, Nebraska 127, Missouri 79, Indiana 76 and Minnesota 69.

APHIS revokes N.J. produce firm's license

NEW YORK, N.Y. — Wannamelon, Inc., Newark, N.J., had its produce trading license revoked effective April 8, for failing to pay promptly for $344,596 worth of fruits and vegetables the firm purchased.

USDA's Agricultural Marketing Service, which licenses produce firms under the Perishable Agricultural Commodities Act, had charged the firm with failing to pay the full agreed purchase price for 131 lots of produce purchased from July 1979 through May 1980.

Charles Brader, marketing official with AMS, said the firm had the opportunity to answer USDA's charges, but failed to respond.

USDA's Administrative Law Judge John G. Liebert ruled that the firm had committed willful, repeated and flagrant violations of the act.

Under Liebert's order, the firm may not conduct business subject to the act until April 8, 1983, and then only if a PACA license is obtained. The firm's officer, director, and major stockholder, Stuart Cuttler, may not be employed by or affiliated with any PACA licenses until April 8, 1982, and then only if the employer posts a surety bond and USDA approves.

Under PACA, all interstate traders in fresh and frozen fruits and vegetables must be licensed by USDA. USDA is authorized to suspend or revoke a trader's license for violating the act.

Give Eggs a Break

"WALT" CHISSOM
ESTATE AUCTION
DOZER, EQUIPMENT, SHOP TOOLS,
HORSE DRAWN VEHICLES
SATURDAY, MAY 9
11:00 A.M.
WALLACE, N.Y.
Sale at the farm located in "Bloomerville", just off rte. 415 1 mile south of Wallace or app. 3 miles north of Avoca.
To settle the estate of "Walt" Chissom, selling without reserve, the following:
EQUIPMENT:
1959 I.H. TD-9 diesel dozer with 9½ ft. manual angle blade, rebuilt motor and tracks, excellent condition! A.C. WD-45 diesel n.f.e. tractor; early J.D. "A" n.f.e. tractor (ser. 462402) with steel lug wheels; early J.D. "B" (ser. 45920) on steel lugs; 1970 Chevy C-50 truck, 5 sp. with 2 sp. axle, with log bunks; I.H. 1959 farm truck with hoist, no body; I.H. 1955 R-120 pick-up (cracked block); J.D. trailer type boom log skidder; 2 section harrow; J.D. 15 flail chopper; buzz saw; 1 row potato digger; quantity of new sawn lumber.
TOOLS:
Delta 10 in. table saw; Delta drill press; Walker Turner band saw; 2 chain saws; cant hook; odd hand tools; 2 belts and belt lacing; gas cans; cast wood chunk stove; 4 antique "hit and miss" gasoline engines; 2 accordians; almost new router; qty. scrap iron; etc.!
HORSE RELATED ITEMS:
Extra nice N.I. 14-A manure spreader; gravel dump wagon; 2 seat surrey; 2 seat cutter; 2 2-seat buggies; buggy; 2 jogging carts; 2 flat land walking plows; side hill plow; wagon box wagon; 2 2-horse cultivators; other horse drawn vehicles; parts; harness and parts; barrel of white mineral oil; etc.!
A GOOD SALE OF DESIRABLE MERCHANDISE!
Terms: Cash or good check day of sale. I.D. required. Lunch.
Owned by the
ESTATE OF "WALT" CHISSOM
Linda C. Herrick, Adm.
Sale by PIRRUNG AUCTIONEERS, INC.
Wayland, N.Y. 716-728-2520

MINNICH SALE CANCELLED
The sale for Clifford & Joanne Minnich scheduled for May 7, 1981 which appears on pg. D29 of this issue has been cancelled.
Earl Buffenmeyer, Auctioneer.

Grafting demonstration set

LANDENBERG — On Saturday, May 15, the Pennsylvania Nutgrowers Association will host a demonstration of horticultural grafting of nut trees and minor fruits.

The meeting will begin at 9:30 a.m., rain or shine, at the home of Ellis A. Schmidt, Flint Hill Road, Landenberg. There is no charge and membership in PNGA is not required.

Lunch will be available. The hosts request pre-registration in order to facilitate lunch preparations and develop the most productive program.

The Schmidts are located about five miles south of the village of West Grove, in southern Chester County, on Flint Hill Road between Routes 896 and 841. For further information call 215/274-8560.

xxx

Recent developments in airplane technology include a wing that pivots 60 degrees, promising a fuel-efficient, speed-of-sound jetliner, whose sonic boom would dissipate before reaching the ground.

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PUBLIC SALE
FRIDAY, MAY 15, 1981
Time: 9:00 a.m.
In Perry Co. situated 3 miles east of Landisburg, along Rte. 850.

ANTIQUES
Roll top secretary; marble top stand; marble top wash stand; captain chair; spinet desk; poster bed; cannon ball bed; spinning wheel; picture frames; 2 mantle clocks; childs rockers; night stands; oak stands; trunk; rocking chair; bench; oak sideboard; school desk; drop leaf table; wood box; balance scales; sewing horse; chairs; milk seperator; milk can; record cabinet; iron pot; 2 dolls; dress form; shoe last; barn door hinges; buck saw; iron kettle.

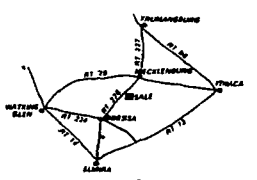
GLASS & CHINA
Pitcher & bowl; milk glass butter dish & matching pieces; goblets; many nice pcs. of ironstone; 2 gone with the wind lights; Wilcox flowered crock; pressed glass; plates; pedistal cake stand; tea leaf pcs.; 8 place setting of dishes; salt dips; vegetable dishes; crocks; jugs; jars; and other pieces.

SPECIAL MENTION!
1962 4 dr. Chevrolet Corvair with 55,000 miles 4,000 watt generator, poker table; milk dumping station (stainless); Lionell #224 train with track, platform & accessories.

HOUSEHOLD ITEMS
G.E. refrigerator; Gibson refrigerator; G.E. portable dish washer; Zenith black & white t.v.; Electrolux sweeper; 2 kitchen work tops; 8 pc. dining room suite; R.C.A. radio; 2 reclining chairs; 3 pc. living room suite; 9x12 rug; 3 cedar wardrobes; 5 pc. bedroom suite; end tables; springs & mattresses; bedding & linens; glass top stands; mirrors; stands; table lights; metal wardrobe; wood storage cupboard; lawn furniture; breakfast table with 4 chairs; books; dishes; pots and pans.

GUNS & BOOKS
Winchester model 12 with 2 nickle steel barrels; Winchester model 94 30-30 with scope & sling; Savage model 5–22 caliber; Springfield model 56–22 cal. with clip; H. & R. model 922–22 pistol; Weaver scope; gun case; gun cabinet; Haines Perry Co. History; Bells & Whistles of Perry Co.; HISTORY OF PETER SHEIBLEY'S DESCENDANTS.

SHOP, LAWN & GARDEN EQUIPMENT
John Deere #112 riding mower with rototiller attachment; Troy built rototiller; air compressor; Century portable heater; Black & Decker work table; two wheeled cart; lawr seeder; 30 ft. double ladder; double alum. ladder; step ladder; lg. pc. of glass drum of kerosene with pump; nap sack sprayer; elec. motors; cycle grinder; anvil; vice; pipe vice; mitre saw; tree trimmer; hay rope; small ropes; block & tackle; cable; garden tools; cedar lumber and other lumber; a real good bunch of carpenters tools; other items.
Auct. note — This is one sale you don't want to miss! The items are in nice shape!
Terms — cash
MRS. JOHN CARL SPOTTS
Dean Shull: Auctioneer
789-3415 — 776-6413
Egolf- clerk
Lunch stand reserved.

HAVENS' PUBLIC SALE
OF FARM EQUIPMENT
Will offer for sale the following at his place of business located seven miles north of Odessa, N.Y., or three miles south of Mecklenburg along Route 228, about 12 miles southwest of Ithaca, on
SATURDAY, MAY 23, 1981

sale at 10:00 A.M. Promptly

TRACTORS
Ford 2000; (2) Cletrac with angle blade; AC D-17; Ford 600; M.F. 35; W.D. 45 WF; Farmall H; Farmall Super M; Farmall Super W 6; IHC 300 with loader; AC 170 D; Ford 5000 D

HAYBINES
IHC 1290 12 ft. Haybine; N.H. 469; N.H. 460; Ford 535, 9 ft.; Hesston PT 10; Hesston PT-7 - NEW; Hesston PT 10; Hesston PT-7; N.I. 279 Cutditioner; N.H. 477; N.H. 469; Hesston 1090; J.D. 1209.

MOWERS and CONDITIONERS
AC Conditioner; N.H. 450 3 Pt. Mower; Ford 3 Pt. Mower; N.I. Trailer Mower; NEW 5 ft. Rotary Trailer type Mower; NEW 6 ft. Rotary Trailer type Mower; NEW 5 ft. 3 Pt. Rotary Mower; N.H. 46 Mower; J.D. No. 9 Mower; Semi Mt. Mower; Oliver 415 Mower.

BALERS
N.H. 273 with Kicker; I.H.C. 440 with Kicker; J.D. 24T with Kicker; J.D. 214 Wire; I.H.C. 37 with Kicker; M.F. 12 Baler; (2) AC Round Balers.

HAYRAKES
New Idea 402; J.D. Rake; (2) N.H. Rake; A.C. Rake; Farmhand Wheel Rake.

WAGONS
NEW Running Gear; New Knowles R. Gear; N.I. Running Gear; Kicker Wagon; Rex Forage Wagon; Grove Forage Wagon.

FORAGE EQUIPMENT
I.H.C. Flail; N.H. Flail; I.H.C. 550 Chopper with 2 row Corn Head; N.H. Super 717 with Pickup Head & 1 Row Corn Head; N.H. Whirlblower; Papec Blower; J.D. Blower; N.H. 818 with Pickup Head; N.H. 770 Pickup Head; J.D. 38 Pickup Head.

TILLAGE EQUIPMENT
Ford 2 & 3 bottom Plows; Various other types; Dunham Transport Disc; 3 Pt. Cultivator; (2) Ford 3 Pt. Disc; Brillion 3 Pt. 4 Row Cultivator; Westgo 3 Pt. 4 Row Cultivator; Lilliston 3 Pt. 4 Row Cultivator; A.C. 12 ft. Transport Disc; Ford 3 Pt. Drags; I.H.C. 10 ft. Trans. Disc; J.D. 10 ft. Disc; Mel Cam Stonepicker, like new; Oliver Superior Grain Drill.

MISCELLANEOUS EQUIPMENT
Includes Manure Spreaders - N.I.; N.H. 362 Barrel - NEW; Star Barrel Spreader; New 3 Pt. Blades 6-8 Ft.; NEW 3 Pt. Lifts; Post Driver; Allied 600 Loader; NEW 3 Pt. Carry All; Ford Pickup Truck Box; Dodge Pickup Truck Box; Buss Saw, 3 Pt.; Owantonna Grinder Mixer; Long 3 Pt. Backhoe; Ottowa Fork Lift Attachment; Schramm Backhoe with air compressor. Other Miscellaneous Equipment and Items.
Some items may be sold and some added previous to day of auction.
Terms - Cash or Good Checks; Ident. required; Lunch at Sale.
Sale conducted by Blaine N. Rentzel, Emigsville, Pa. and Arlow Kiehl, Watertown, N.Y.
Owner,
ARLO HAVENS
RR 1, Odessa, N.Y.
Phone: 607-387-9821

NOTICE OF PUBLIC SALE

Notice to the heirs at law, next of kin and other parties in interest:

NOTICE IS HEREBY GIVEN that the undersigned will offer at public sale at the Fort Granville Branch of The Russell National Bank, West Fourth Street Extended, Lewistown, Pennsylvania, on Friday, May 29, 1981, at 2:30 o'clock, P.M., D.S.T., the following real estate.

ALL THOSE two tracts of land situated in Derry Township, Mifflin County, Pennsylvania, bounded and described according to survey by John G. Robinson & Associates, Inc., dated October 20, 1976, and recorded in Plat Book No. 11, Page 13, Tract No. 1 consisting of 53.32 acres and Tract No. 2 consisting of 77.35 acres, more or less, said Tracts being contiguous, No. 1 being on the North side of Township Road No. 377 and No. 2 being on the South side of said Road. For legal description see Mifflin County Records, Deed Book 220, Page 325. Tax Map Reference is 16-08-07.

EXCEPTING, NEVERTHELESS, from the foregoing, a certain one-half (½) acre parcel of Tract No. 2 conveyed by Mary Hephzibah Mitchell a/k/a Hephzibah Mitchell, individually and as Administratrix of the Estate of John T. Mitchell, deceased, to Ralph P. Kearns and Lola H. Kearns, his wife, by Deed dated April 29, 1977, and recorded in Mifflin County Records in Deed Book 227, Page 399.

This property is jointly owned by Mary Hephzibah Mitchell and Margaret Nancy Mitchell, an Incompetent whose Guardian, The Russell National Bank, will join with Mary Hephzibah Mitchell (subject Court confirmation) in the conveyance of the total fee interest in said premises.

TERMS OF SALE: Down payment payable at time of sale shall be Thirteen Thousand Five Hundred and 00/100 ($13,500.00) Dollars, payable in the form of a certified check drawn on any State or National Bank licensed to do banking business in the Commonwealth of Pennsylvania, said check to be payable to the order of Mary Hephzibah Mitchell and The Russell National Bank, Guardian of the Estate of Margaret Nancy Mitchell. Realty transfer taxes shall be divided equally between purchaser and sellers. Annual real estate taxes shall be prorated to date of settlement on a calendar year basis. Settlement to be held within Thirty (30) days after confirmation of sale by Court.

Sale of the interest of the Estate of Margaret Nancy Mitchell in the said premises is subject to confirmation by the Court of Common Pleas, Orphans' Court Division, at a hearing to be held Wednesday, June 3, 1981, at 10.00 o'clock, A.M., in the Courtroom of the Courthouse at Lewistown, Mifflin County, Pennsylvania.

Sellers reserve the right to reject any and all bids, to convey the premises by one or more Deeds to accommodate two or more purchasers who submit a joint bid.

For inspection of premises call J. Harold Boyer, President and Trust Officer of The Russell National Bank at Lewistown, Pennsylvania (717) 248-4951.

MARY HEPHZIBAH MITCHELL
THE RUSSELL NATIONAL BANK,
Guardian of the Estate of
Margaret Nancy Mitchell
SEARER & TORQUATO
Attorneys for The Russell National Bank
BRUGLER & LEVIN
Attorneys for Mary Hephzibah Mitchell
AUCTIONEER: Mark Glick

Light & Natural EGGS.

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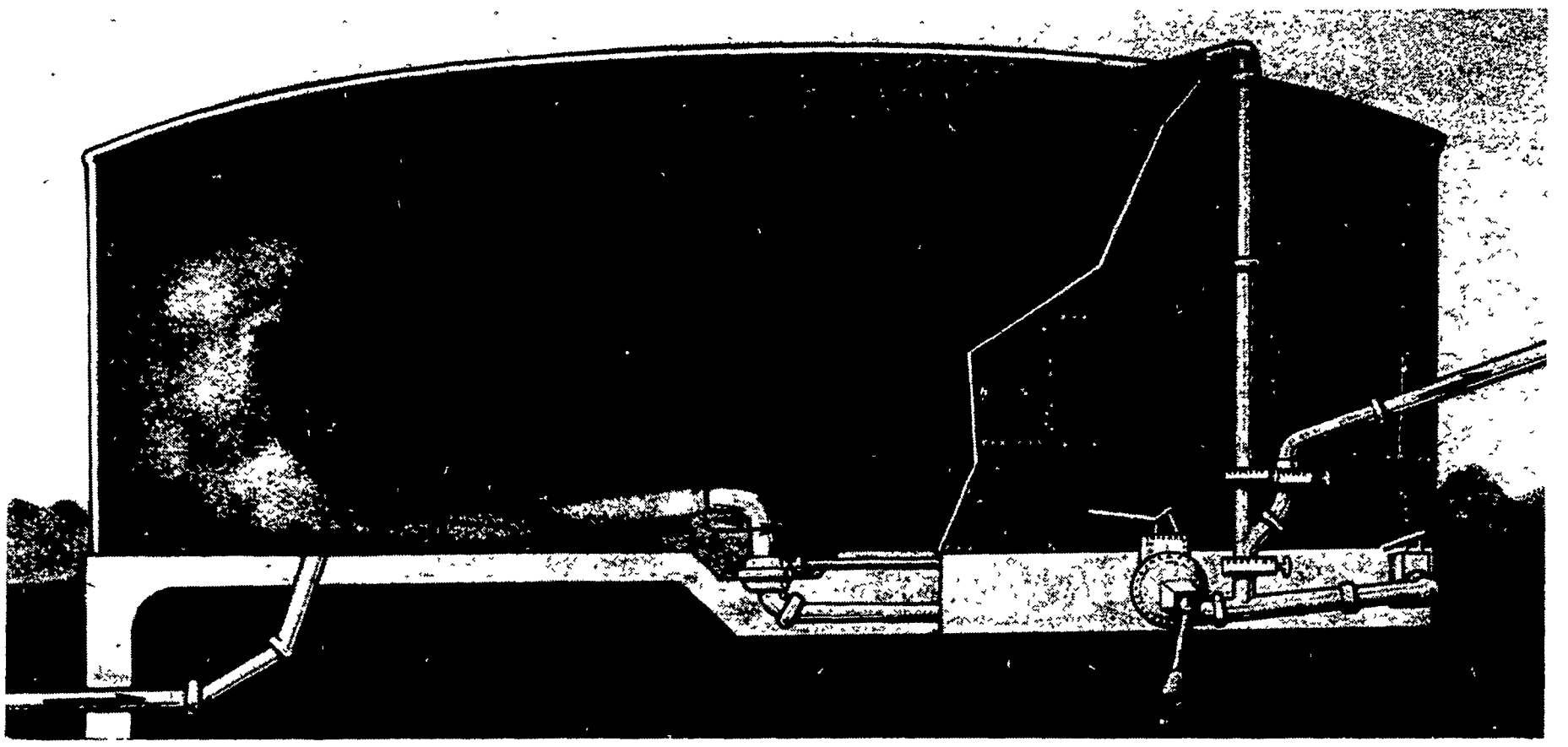

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THURSDAY, MAY 7, 1981

10:00 A.M. - 3:00 P.M.

J. CALVIN ZIMMERMAN

Lebanon, PA

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Souderton, PA 18964 215-723-6001

WALKER CO.
Gap, PA 717-442-4169

ANDERSON BROS.
New Park, PA 17352 717-382-4472

BATZ FEED & SUPPLY
R1, Richland, PA 17087 717-933-8168

JAMES BALMER
Wholesale Specialty Feed Distributor
Manheim, PA 717-665-2011

POWL'S FEED SERVICE
Peach Bottom, PA 717-548-2376

VAN - MAR FEEDS, INC.
West on Miller St
Shoemakersville, PA 215-926-2121

BRANDT'S MILL
830 Maple Street
Lebanon, PA 17042 717-272-6781

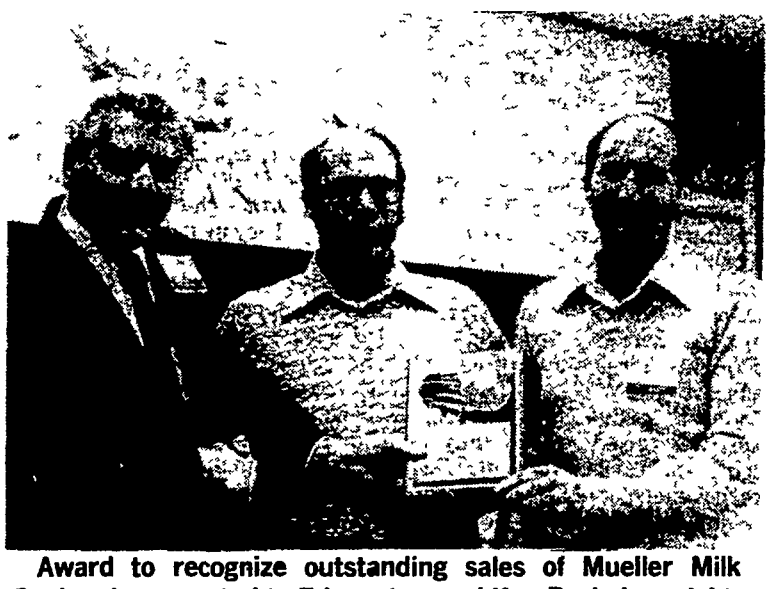
DUTCHMAN FEED MILL, INC.
R1, Stevens, PA 717-733-3020

NOLTS MILL
Witmer, PA 17585 717 393-1369

MANOR FARM SERVICE
RD 2, Lancaster, PA 717-872-4613

Farm Business News

Brubakers win award



Award to recognize outstanding sales of Mueller Milk Coolers is presented to Ed, center, and Ken Brubaker, right, of Rufus Brubaker Refrigeration, of Manheim. Making presentation at left is Jim Wickersham, of the Paul Mueller Company, Springfield, Mo. The Mueller company also is presently introducing a Refrigerated Receiver, which is a new concept in milk cooling. The unit cools milk rapidly before it is pumped into the milk cooler.

Hesston reports

HESSTON KS. — The Hesston Corporation reported a drop in sales and earnings for the first quarter of 1981 compared to the same period last year.

Consolidated sales for the first quarter ending March 31 were $69,587,000 compared with sales of $76,408,000 for the same period last year. First quarter earnings were $209,000, which after the distribution of preferred dividends resulted in a loss of two cents per common share, compared with earnings of $1,547,000 and 37 cents per common share, assuming no dilution, during the first quarter of last year.

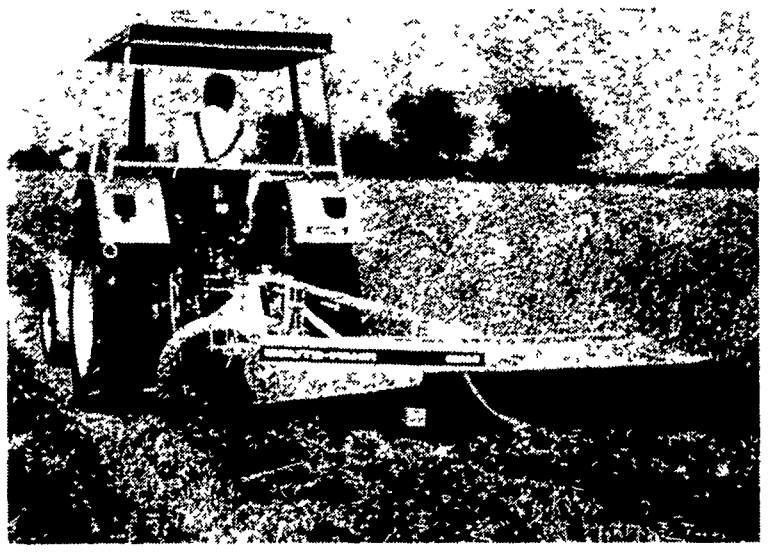
Hesston President Howard L. Brenneman said the sales were lower to allow for adjustments in dealer inventories. Despite high interest rates and continuing drought concern in some areas of the Midwest, Brenneman said sales for the remainder of the year are expected to improve.

Yoder cited

MORRISTOWN, N.J. — Glenn Yoder, of East Greenville, Pa., was honored recently for outstanding sales achievement by the Agricultural Group of Allied Chemical Corporation.

Yoder received the Eastern Zone Product Award for Poly-N ammonium polyphosphate, one of two nationwide awards. The presentation was made at Allied's 1981 annual dealer meeting in New Orleans.

WHAT'S NEW



The SM 30 disc mower by Deutz-Fahr can be used with tractors as small as 25-30 pto hp. A larger SM 40 mower can be powered by tractors as small as 40 pto hp.

New disc mowers

ATLANTA, GA. — A new SM Series of disc mowers by Deutz-Fahr has been announced for the 1981 season by Deutz Corporation, of Atlanta, Ga.

Design features of the mowers include a tubular steel beam to support the cutter-bar assembly, spiral-bevel gears and a hex shaft running in oil and large oval cutting discs, which increase the amount of knife overlap.

The new Deutz-Fahr SM 40 mower, with eight knives on four discs, mows a seven-foot swath, powered by tractors as small as 40 pto hp.

The new SM 30 mower cuts a swath of five and one-half feet with six knives on three discs, using tractors as small as 25-30 pto hp.

Both mowers are the mounted-type for either Category I or II three-point hitches and offer three transport positions – vertical rear, vertical side or horizontal rear.

IH summarizes Axial-Flow testing data in continuing combine choice controversy

CHICAGO — America's farmland is becoming the scene of an increasingly confusing battle during harvest time.

There's always been the issue: "What is the best combine?" But now complicating that question is the more recent controversy: "Which is better, the rotary or conventional machine?"

Presently, four North American-based companies offer rotary-type combines. Two companies are standing by their conventional models.

In an attempt to put International Harvester's Axial-Flow rotary combine into perspective, IH engineers involved with its development reviewed recent test data and specific patented features. Included were Donald Murray, chief engineer; Richard DePauw, machine design manager; and Robert Francis, product engineer.

The men began with a discussion of test data.

"IH conductd extensive tests during the Axial-Flow combine's development," said DePauw, "and the tests haved been supplemented by outside results."

Kansas State University agricultural engineers, for example, made field comparisons of the IH rotary combine and conventional machines operating in small grains in Kansas in 1978. The conclusions were reported at the 1978 winter meeting of the American Society of Agricultural Engineers.

The results included:

The Axial-Flow combine harvested more wheat per unit area at both high and moderate feed rates. At moderate feed rates on four series of trials, the Axial-Flow averaged a 4.5 percent yield advantage over the conventional combines.

The Axial-Flow combine caused less crackage in all varieties of wheat harvested.

The Japanese government tested an IH 1440 Axial-Flow in very high moisture wheat in 1980. Typical of test results was one where grain moisture was 32.1 percent and straw moisture was 49.5 percent. The yield was 73.5 bushels per acre. Total grain loss from all causes, at an average speed of 3.4 mph, was only 1.1 percent compared to crop yield.

"In simple terms," Francis said, "this means the Axial-Flow design reduces grain loss, crackage and dockage in the crops it is harvesting, regardless of conditions."

"Yet another concern to farmers is fuel consumption," Francis continued. "The best criteria for measuring fuel consumption is number of bushels or acres harvested per gallon of fuel.

"In our own tests, we consistently had more productivity per gallon of fuel used."

One example: a 1480 Axial-Flow combine and a conventional IH 915 machine worked in the same rice field. The Axial-Flow used 9.26 gallons per acre, while the conventional used 12 gallons per acre.

Two IH combines also were compared in soybeans. The 1460 used 1.01 gallons per acre.

One report received by the engineers was from a custom operator who had operated his own IH 1460 and a conventional, competitive machine.

The operator reported that he harvested almost 2,000 acres of wheat and over 600 acres of corn with his Axial-Flow. In wheat, the Axial-Flow harvested 1.305 acres per gallon; and the conventional combine, 1.096 acres per gallon. The Axial-Flow combine, therefore, harvested 19 percent more acres per gallon.

In corn, the Axial-Flow harvested 0.861 acres per gallon; and the conventional, 0.698 acres per gallon. Thus, the Axial-Flow harvested 23 percent more acres per gallon.

Reports from other countries include one from an Australian IH Axial-Flow owner. He said his IH Axial-Flow harvested 48 bags of sorghum per Imperial gallon of fuel. By contrast, his conventional combine harvested 46.5 bags per Imperial gallon.

Again, the Axial-Flow combine's design, according to DePauw, is the main reason it harvests more efficiently. And the design involves certain patented features.

"The threshing-separating system, the heart of the Axial-Flow combine, actually involves several patents," DePauw continued.

"Patents cover the conical front end of the rotor, which is the transition area between the feeding system and the rotor, and the impellers on the front of the rotor."

He explained that the front of the Axial-Flow rotor is larger in diameter than the rest of the cylinder. In the 1460 model, for example, the impeller area is 36 inches in diameter. The rotor is 24 inches in diameter.

"This alows a wide feeding system, yet the crop is gently funneled into the threshing process," Francis said. "Thus, the Axial-Flow design experiences little plugging, and the efficient transition from the feeder to the impeller is especially important in tough, high moisture crops."

Spiral rasp bars at the front of the rotor are another patented, exclusive feature. Other rotary combines either have straight rasp bars or spiral bars at the rear of the rotor.

"The front-mounted spiral rasp bars are there to keep the material moving through the machine. Again, this greatly decreases plugging while providing better control of the crop during the threshing process," DePauw said.

Patents also cover the discharge area near the rear of the rotor. One applies to the expansion chamber, mounted at the rotor's end. As the name implies, it is an enlarged chamber that enables crop residue – straw, cobs, husks, etc. – to "fly away" from the rotor easier. Again, according to engineers, this means more efficient movement of material through the machine – and better separation.

A patent on the gear case and rotor drive, the mechanical method of driving the rotor, allows the farmer to adjust the speed of rotation on-the-go within each of two ranges, by means of a fingertip switch control. This matches harvesting speed with crop conditions. The simplicity of design, according to Francis, also assures high reliability.

"The beater (or chopper) is located in the discharge area," DePauw continued. "Because the beater receives the material directly from the rotor and propels it back to the spreader, flow through is enhanced."

Overall, DePauw noted, the Axial-Flow combine is designed to move a crop through the threshing and separating process in a very efficient manner. This ability to significantly reduce plugging thus enables the IH rotary combine to harvest more crops in tougher conditions than any other rotary machine.

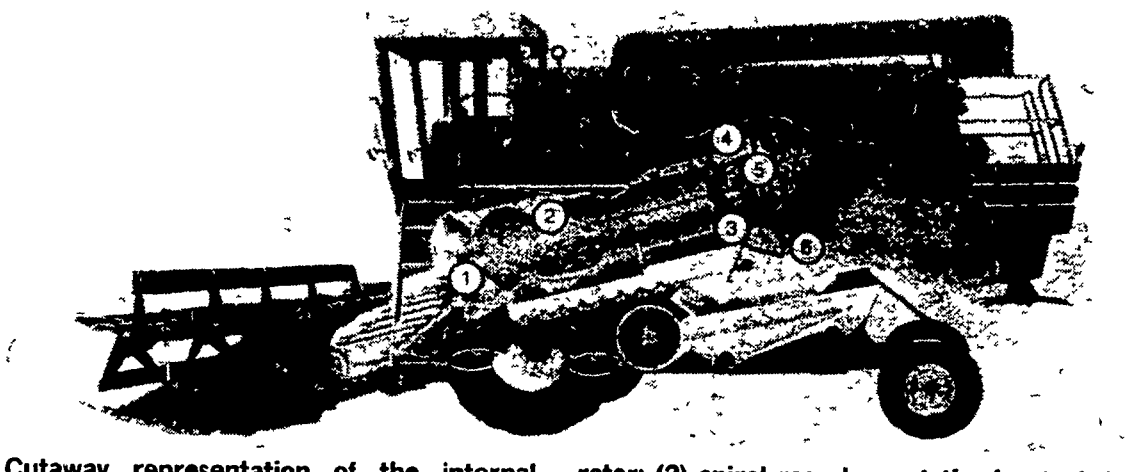
"We also believe that no machine, rotary or conventional, is as simply designed as the Axial-Flow combine," he continued. "The IH combine has a minimum of drives – belts and pulleys. This makes it an easier machine to operate. It also makes it easier to service while assuring high reliability."

Critical drives are easily accessible to both the dealer service person and the farmer, the engineer said. The rear service deck gives access to the engine, hydraulic fluid reservoir, fuel tank filler cap and related components. Side doors swing open to drives as well as the concaves. It takes one man only about 30 minutes to change a set of concaves for different crops.

"Finally," DePauw said, "the Axial-Flow combine's ability to harvest various crops in various conditions enables us to offer several sizes of grain combines, a pull-type model, a hillside model and rice machines."

Donald Murray, chief engineer,

(Turn to Page B3)



Cutaway representation of the internal mechanism of the International Harvester Axial-Flow combine points out patented or special features which are basic to the machine's design. These primary features include (1) the conical front end of the single rotor; (2) spiral rasp bars at the front of the rotor; (3) discharge area near the rear of the rotor, including (4) the expansion chamber; (5) gear case and rotor drive; and (6) beater (or chopper) location.

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Block appoints John Ford to Deputy post

WASHINGTON, D.C. — Secretary of Agriculture John R. Block has appointed John E. Ford to be Deputy Assistant Secretary of Agriculture for Marketing and Transportation Services. He will serve as deputy to Assistant Secretary C.W. McMillan.

In his new position, Ford will help formulate policy for USDA's Agricultural Cooperative Service, Agricultural Marketing Service, Animal and Plant Health Inspection Service, Federal Grain Inspection Service, Food Safety and Quality Service and Office of Transportation.

Ford, a native of Lubbock, Texas, was raised on his family's ranch in the Texas Panhandle. He earned a bachelor of arts degree in economics and government from the University of Texas, Austin, in 1968, and a doctor of jurisprudence degree from the University of Texas School of Law in 1972.

Before assuming his new position, Ford served in USDA's Office of the General Counsel and Agricultural Marketing Service.

xxx

About 200,000 commercial dairy farms produce most of the milk in 1979 in the U.S. The trend is toward larger operations but there are many small efficient operations.

Corn data

NEW YORK, N.Y. — Several new product registrations for corn application have been updated recently by the Stauffer Chemical Company. They include:

–Dyfonate 20-G, used to control corn rootworm larvae, may now be used to suppress cutworm. It is also used to control wireworms, symphylans, seed corn maggots and beetles, as well as first and second brood European corn borer in later out-the-top applications.

–Incorporation directions for Sutan Plus herbicide have been revised to recommend single-pass incorporation for control of all labeled weeds except the deep germinating ones – wild cane, seedling johnsongrass and nutsedge.

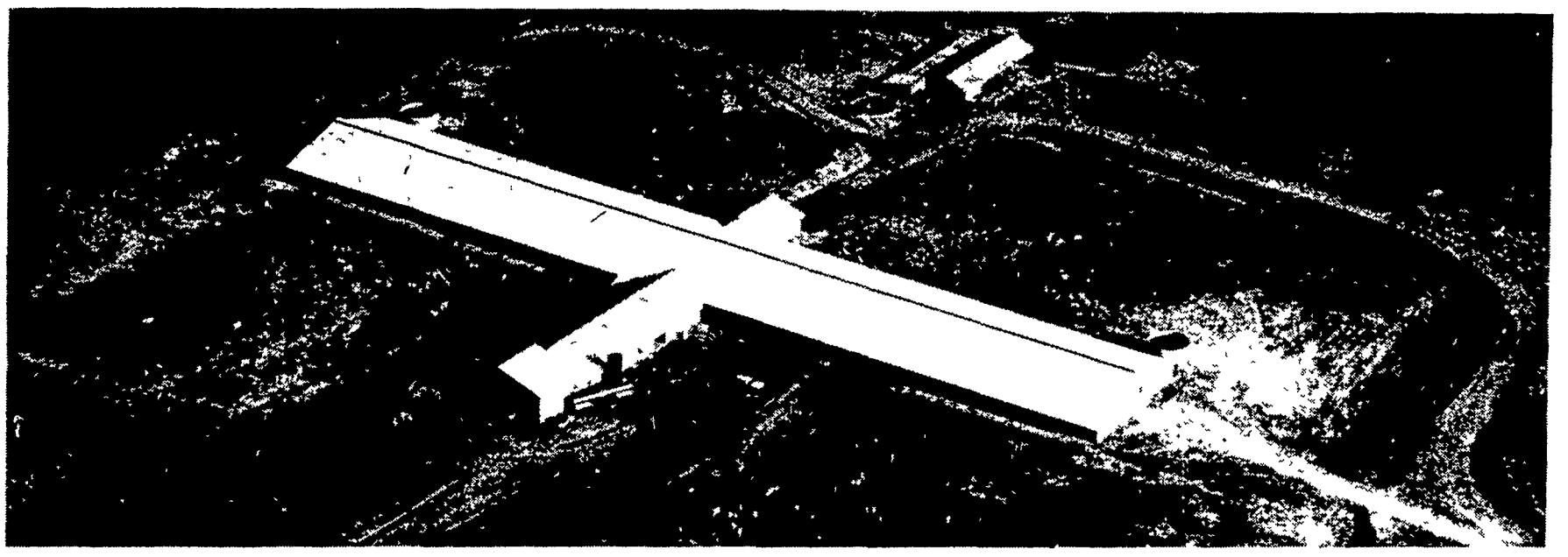
–The Sutan Plus label has been amended to note that the Sutan Plus - Bladex tank mix is not recommended for use on coarse or medium textured soils containing less than one percent organic matter.

Combine test data

(Continued from Page B2)

summed up by recommending that farmers contemplating the purchase of a new combine keep in mind six important considerations. They are: The machine's ability to harvest as much crop as possible; its ability to minimize damage to the crop; its ability to harvest various crops and under various field conditions; fuel consumption based on harvested bushels per gallon of fuel; reliability; and serviceability.

QUALITY DAIRY SYSTEMS



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Lebanon County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

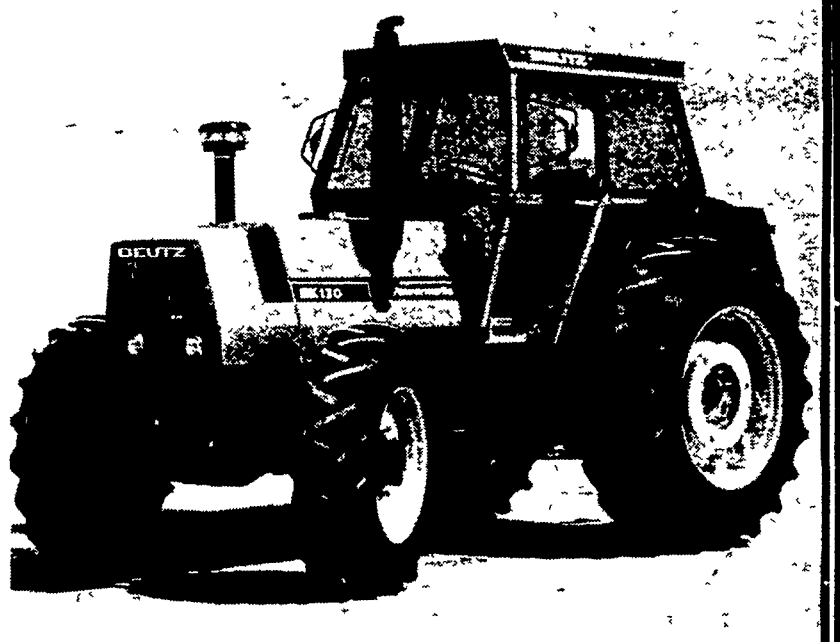
March 1981

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Roy E Nolt	B3	51 3	87 4	58 9	4 0	2 35
Hostetter & Sons	3	87 3	90 1	63 7	3 6	2 31
David H Horning	G3	62 0	89 8	61 5	3 7	2 25
Gideon Fisher Jr	G3	32 0	93 1	55 1	4 0	2 21
Albert F Moyer	3	78 2	84 2	55 6	3 9	2 17
Marvin Meyer & Sons	B3	85 6	92 1	54 9	3 9	2 16
San Bo Holsteins	3	67 3	87 4	52 7	4 1	2 14
Kenneth Mase	B3	75 9	91 6	53 9	3 9	2 12
Roy E Nolt	B3	50 5	84 0	54 7	3 8	2 09
Sonnen Acres	B3	106 1	86 2	50 2	4 1	2 08
Richard Heilinger	B8	31 4	95 1	53 9	3 8	2 07
Norman Kline	3	76 9	89 0	52 4	3 9	2 05
Donald G Hoffer	B3	45 3	86 3	52 0	3 9	2 05
Ernest Detweiler	B3	52 1	92 3	54 0	3 8	2 04
Vincent A Wagner	3	40 4	89 4	52 4	3 9	2 02
Conewago View Fms	B3	74 0	95 8	52 8	3 8	2 02
Lloyd Newswanger	B3	74 0	90 0	56 5	3 6	2 02
Galen Bollinger	B3	115 7	92 5	52 6	3 8	2 02
R & M Getz	3	51 0	79 7	49 3	4 1	2 02
Moses O Martin	B3	66 2	95 3	53 0	3 8	2 01
Wernerway Farm	B3	118 0	91 3	50 7	4 0	2 01
Willow Maple Farm	3	43 0	87 4	55 7	3 6	2 00
Mervin W Horst	B3	40 1	92 2	50 1	4 0	2 00
Marlin D Heisey	B3	36 0	92 2	49 8	4 0	1 99
Clarence G Mase	G3	37 0	84 8	51 0	3 9	1 99
B & K Farms	G3	71 2	87 9	53 1	3 7	1 97
Robert Martin	B3	40 7	86 7	48 6	4 0	1 95
M Bomberger & Son	B3	79 0	95 1	48 1	4 0	1 94
Eugene R Houser	B3	27 3	88 9	48 7	3 9	1 92
Phares Z Musser	3	73 0	89 7	47 1	4 1	1 92
Conewago View Fms	B3	73 1	92 7	50 9	3 8	1 91
Elvin Martin	G3	48 4	88 0	48 0	3 9	1 89
Melvin Krall	B3	81 9	83 5	49 1	3 8	1 88
Willis Good	00	57 0	102 0			
Harold Myer	B3	299.2	94 4	44 6	4 2	1 87
L Burkholder Jr	B3	51 6	96 8	49 6	3 8	1 86
David Zimmerman	B3	49 9	82 3	49 6	3 8	1 86
Leon Horning	B3	36 8	86 0	49 0	3 8	1 86
Kenneth I Sellers	3	44 0	79 5	47 3	3 9	1 85
R & R Shirk	3	76 7	89 7	46 9	3 9	1 85
Richard Heilinger	B8	32 2	93 8	49 2	3 8	1 85
Luke I Patches	B3	43 5	87 0	47 4	3 9	1 84
Enos N Leinbach	3	31 4	92 0	46 6	3 9	1 84
Marlin M High	B3	35 7	77 1	48 9	3 8	1 84
Twin-Maple Farm	B3	44 0	94 3	51 7	3 5	1 83
Irvin Z Brubaker	B3	32 0	81 4	49 1	3 7	1 83
A & M Martin	B3	39 6	85 2	50 1	3 7	1 83
Roy H Weaver	B3	63 1	84 8	45 3	4 0	1 82
Neal Eshleman	B3	41 0	95 3	49 3	3 7	1 82
Mark Copenhaver	B3	70 1	95 3	47 6	3 8	1 81
Dennis Wampler	B3	102 9	94 5	49 3	3 7	1 81
Hershey Bare	3	80 8	90 6	46 9	3 9	1 81
John Brubaker	B3	47 6	89 0	47 6	3 8	1 81
Philhaven Farm	3	102 2	85 9	46 2	3 9	1 81
Ferndale Farms	3	88 7	83 6	44 2	4 1	1 80
Fort Zeller Farm	B3	49 1	92 5	44 9	4 0	1 80
Wilmer S Reiff	G3	59 3	87 5	44 6	4 0	1 80
Larry G Shuey	B3	67 1	88 8	50 7	3 6	1 80
Jesse L Weaver	B3	50 5	84 0	45 5	3.9	1 79
Ronald Kelchner	B3	58 7	79 9	46.3	3.9	1 79
Reuben O Martin	B3	65 7	88 4	51 1	3 5	1 79
David Brandt	3	67 2	87 2	44 6	4 0	1 77
Irvin Horst	3	60 7	75 2	44 0	4 0	1 76
Leon H Kline	B3	96 5	85 4	45 3	3 9	1 76
Arnold Acres	3	109 4	90 3	48 2	3 6	1 75
Lester Martin	B3	55.3	90 3	44 3	4 0	1 75
D Hoover Fm	3	79 0	83 9	44 2	4 0	1 75
Gary Lee Mase	5	12 0	77 9	38 6	4 5	1 74
G & E Ungemach	B3	75 5	80 1	45 2	3 8	1 73
Harvey Bomgander	B3	43 8	81 0	43 7	4 0	1 73
Leon Horning	B3	37 6	82 6	44.6	3 9	1 72
D & D Bucher	B3	77 0	91 2	44 9	3 8	1 72
Gary Lentz	3	43 0	83 1	41 5	4 1	1 72
Robert B Smith	2	79 5	86 8	34 1	5 0	1 69
Warren Hetrick	B3	36 3	98 6	44 5	3.8	1 69
Isaac E Zimmerman	3	22 0	88 1	38 9	4 3	1 69
Bucher Brothers	B3	45 0	85 9	48 1	3 5	1 69
Leon Burkholder	B3	44 3	82 8	41 7	4 0	1 68
Eugene Martin	B3	92 0	85 5	46 4	3 6	1 68
Hoover Farms No 2	B3	43 8	85.3	43 5	3 8	1 67
Daniel B Shirk	3	43 5	86 9	48 4	3.4	1 66
Russel S Houser	3	36 4	87 4	44 8	3.7	1 66
Harvey Bomgardner	3	99 9	86 5	43 8	3 8	1 65
S Mt Echo Dairy	B3	114 3	85 9	42 5	3.9	1 64
Mark C Patches	B3	84 6	84 9	41 6	3.9	1 64
Walter K Heisey	B3	55 3	83 3	49 4	3.3	1 64
Dol-Mar Dairy	B3	136 1	79.6	40 8	4 0	1 64
Lentzdale Farms	B3	70 8	82 7	42.2	3 9	1 63
Jeffrey D Rymoff	B8	40 1	73 8	43.4	3 8	1.63
Cyrus Bomberger	B3	185 2	87 5	42 4	3 8	1 63
Leon Burkholder	B3	43 4	82 2	42 2	3 9	1.63
John D Bomgardner	3	47 4	84 9	41 7	3 9	1.62
Ray R Sattazahn	B3	102 0	86 1	45 5	3 5	1 61
Amos Balsbaugh Jr	3	42 5	86 8	42 1	3 8	1 60
J C. Zimmerman	B3	108 2	86 6	45 4	3 5	1 58
Richard Batz	3	27 2	67 0	40 7	3 9	1 58
Raymond K Martin	B3	43 0	85 4	41 7	3 8	1 57
A R Krall & Son	3	64 6	75 0	40 0	3 9	1.56
Enos N Zimmerman	B3	80 2	94 3	39 0	4 0	1.55
Ezra H Martin	B3	53 5	88 0	46 7	3 3	1 55
David Eugene Reiff	3	45 5	81 4	43 9	3 5	1 53
Clyde E Deck	G3	71 3	83 7	41 0	3 7	1 53
Ray Zimmerman	B3	89 7	91 7	42 6	3 6	1 53
Hollow Pride Farm	B3	38 4	81 0	39 2	3 9	1 53
Christian High Jr	B3	57 8	81 2	41 4	3 7	1 52
David M Nolt	B3	40 3	80 1	38 7	3 9	1 51
Carl J Bross	B3	65 0	91 8	38 4	3 9	1 50
Jeffrey D Rymoff	B8	40 7	81 6	37 8	3 9	1 49
James Zimmerman	B3	47 0	90 3	39 0	3 8	1.49
John H Tschudy	B1	40 9	92 5	36 2	4 0	1 46
Carl J Bross	B3	72 2	88 8	36 7	3.9	1 43
Ernest Wagner	3	39 9	70 2	36 3	3 9	1 42
Linford Halteman	B3	43 3	82 1	40 2	3.5	1 41
Luke Wise	G3	38 0	79 7	35 8	3 9	1 40
David B Lehman	B3	46 0	76 0	37 5	3 7	1 40
Ivan M Weiler	B3	69 1	88 3	34 7	4 0	1 38
Isaac M Stoltfus	G3	31 8	85.3	37 8	3.7	1 38
Dennis L Showers	B3	45 0	80 9	35 3	3 9	1 36
P & C Heffelfinger	3	32 0	85 8	36 2	3 7	1 34
R H Emrich & Son	B3	92 5	83.6	32.9	4 0	1 33
Maurice Bennetch	3	141 4	81.6	33 9	3 9	1 32
James Gelsinger	B3	56 7	74.5	35 4	3 7	1 32
Donald Bomberger	4	49 1	90 2	25 9	5 1	1 31
Gluck-Auf Farms	B3	29 4	86 0	35 3	3 6	1 28
Thomas Hostetter	B8	32 0	76 9	31 5	3.9	1 23
I & E Martin	B3	61 2	73 1	29 3	4 1	1 20
John H Stick	1	33 4	81 0	29 9	4 0	1 19
Robt Sollenberger	G4	35 0	91 4	22 5	5 0	1 13
Wenger Farms	B3	72 1	71 4	29 8	3 7	1 10
Kenneth E Ober	G3	38 9	63 8	29 1	3 6	1 06
Lil Dutch Acres	1	24 0	89 4	24 8	4 2	1 04
A Ralph McCrone	B3	39 8	71 3	23 9	3 6	0 86

OWNER NAME OR NUMBER	AGE	LBS. MILK	% FAT	LBS. FAT
David Brandt				
43	5-0	305	19,950	3.9	771
76	4-1	305	22,892	3 7	838
Albert F. Moyer				
Roxie	3-6	305	17,252	4 4	760
Marvin K. Meyer & Sons				
Honey	4-9	305	20,781	3.7	778
Jenny	4-6	305	17,792	4 1	722
Dale Hostetter & Sons				
80	8-4	305	19,663	4 3	843
28	7-2	305	20,707	4.3	883

(Turn to Page B5)

TWO NEW DX MODELS



The New Deutz DX 130 Tractor

DX-120 (110 HP) F6L-913 N.A. Engine
DX-130 (120 HP) BF6L-913 Turbo Engine

Two new Deutz DX-series tractors with new features and positioned at two popular horsepower ranges, were introduced recently by Deutz Corporation, Agricultural Equipment Division

The new DX120 and the four-wheel drive DX120A version, is rated at 110 pto hp, the new DX130 at 120 pto hp

New features on these models continue to build on the DX reputation for top fuel efficiency, outstanding operator convenience and safety, and impressive power capabilities

New on the DX130 are all-new TW-91 transmission, a multi-range Powermatic transmission with 24 forward speed, 8 reverse, all fully synchronized, all new centrally-located front wheel drive (on the DX130A) with a protective wrap-around oil pan, bigger-than ever lift capacity of 14 332 pounds, more than the weight of the tractor itself

Both new DX models feature new "mixed control" function (lets operator blend "position" and "draft" control settings) and improved lower-link sensing in the Deutz Transfermatic hydraulic system, new EconoCool thermostatically-controlled air-cooling for even greater fuel economy, 6 8% greater

The DX130, with 106 inch wheelbase, offers the convenient maneuverability of smaller DX models, but can be ballasted to a hefty 17,000 pounds The new DX130 also features dual-speed pto with hydraulic clutch pack for smooth control, rugged planetary final drive, enclosed outboard disc brakes, plus a powerful fuel efficient, six-cylinder, air-cooled diesel engine — turbo charged on the DX130 —typical of the engines which have given Deutz three fuel-efficiency records and a better fleet average than any other brand

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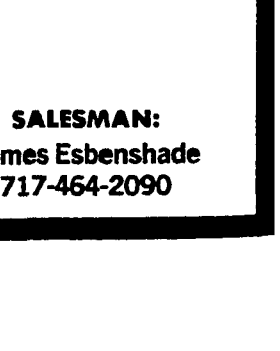

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(Continued from Page B4)

Richard & Ronald Shirk					
Eleanor	4-5	305	18,079	4.4	787
Sonnen Acres					
Lace	4-6	305	17,309	4.4	756
Casabel	3-4	305	23,558	3.4	798
Mercy	4-1	303	21,185	3 8	813
Dennis Wampler					
101	7-11	305	20,760	3 7	758
69	9-6	303	19,223	4.1	796
Fort Zeller Farm					
Pepper	5-4	305	19,096	3.9	749
Lentzdale Farms					
121	4-10	305	16,931	4 6	780
Mark H Bomberger & Son					
30	11-3	305	17,080	4 4	746
Daniel B. Shirk					
Geno	4-2	305	17,768	4 2	749
Norman Kline					
Joann	5-0	305	21,478	3.4	722
Aster	3-9	305	22,057	3 6	788
Echo	3-5	305	18,206	4 0	723
Hershey Bare					
71	5-11	305	20,731	3 5	728
25	4-11	305	22,413	4.0	905
Ernest P. Detweiler					
Primros	3-8	305	22,035	3.6	783
Arnold Acres					
Star	6-2	305	19,301	3 7	709
Andrea	5-6	305	21,658	3 7	794
Olga	3-2	305	19,937	3 7	742
Loreta	3-2	305	21,867	3.4	743
Walter K. Heisey					
Lucky	5-6	305	22,543	3 8	855
Gideon A. Fisher, Jr.					
75	4-3	305	24,778	3.9	964
Lester Martin					
Lucille	4-1	288	17,461	4 1	708
Vincent A. Wagner					
Fancy	7-9	305	25,324	3.5	894
Roy E. Nolt					
3	8-7	305	20,491	4 2	860
22	7-10	305	21,033	3.7	771
Philhaven Farm					
11	10-0	305	20,707	3.6	738
31	6-6	305	20,004	4 1	815
104	5-7	305	23,748	3 7	890
22	3-0	304	17,692	4 1	727
Conewago View Farms					
Rosanne	5-0	305	24,582	3 1	766
Rosina	4-4	305	21,031	3.7	776
Tess	4-2	305	19,661	3 8	744
Lloyd Burkholder Jr					
11	3-5	305	15,265	4 7	716
Richard L. Heilinger					
Birdie	4-10	305	20,529	4 0	827
Amos Balsbaugh Jr.					
5	4-10	305	18,279	4 2	765
Marlin D. Heisey					
40	7-9	287	19,303	3 9	753
Roy H Weaver					
35	5-8	305	19,341	3 8	733
27	3-1	305	18,929	3.9	740
J. Calvin Zimmerman					
8	4-1	305	21,292	3.6	772
127	4-8	305	17,614	4 0	700
Hoover Farms No 2					
13	5-1	305	18,394	3 9	714
Leon Horning					
43	8-9	305	21,711	3.4	734
Irvin Z Brubaker					
152	4-6	305	22,798	3 4	782
Ezra H. Martin					
51	5-2	305	19,862	3 7	735
Clarence G Mase					
Trixie	5-4	214	17,933	3 9	702
Cindy	2-5	304	16,413	4 3	700
Leon M Burkholder					
179	6-1	305	19,400	3.6	705
Robert Martin					
Jackie	3-10	305	17,682	4 1	721
Hoover Fm & D. Hoover					
Yvonne	6-10	305	20,745	3.7	764
Merle	5-5	305	24,013	3.1	754
Kenneth Mase					
Luann	7-0	305	23,274	3.6	847
Edna	2-5	305	19,677	3 7	731
Eugene Martin					
41	6-8	305	19,317	3.7	713
Phares Z Musser					
26	7-3	305	20,676	3.9	815
35	5-2	305	23,849	3 9	937
Wernerway Farm					
37	4-6	305	18,075	3 9	712
80	2-6	305	19,142	3.9	752

Lancaster seeks dairy princess contestants

LANCASTER — Lancaster County's Milk Promotion Committee is looking for qualified contestants to participate in this year's Dairy Princess contest, which will be held June 20 at the Landis Valley Resort Inn.

Contestants may have completed their junior year of high school and not reach their 22nd birthday by Dec. 31, 1981. Potential princesses must be the daughter of a dairy farmer, a dairy farm manager, herdsman or dairy farm owner or own more than one dairy animal prior to May 1, 1981.

They must also be single and never married and have their parent or guardian's consent.

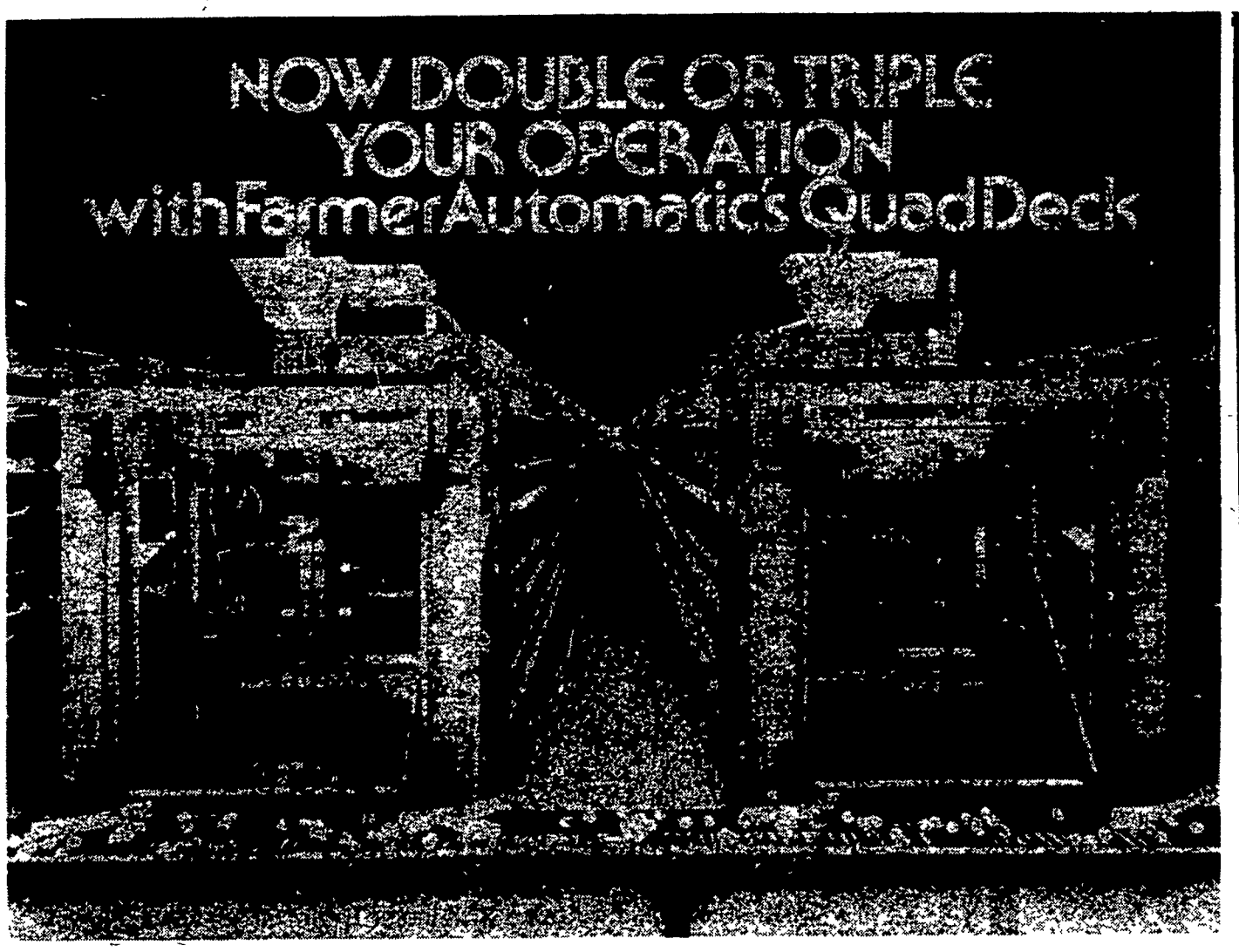
Chairpersons for this year's event are Mr. and Mrs. Elvin Brenneman, Mount Joy R1. They noted that contestants will have the opportunity to promote dairy products and the dairy industry.

The new Lancaster County Dairy Princess will receive a wardrobe and will participate in the state training seminar scheduled for July. She will represent Lancaster County in the Pennsylvania Dairy Princess contest in September.

All contestants receive valuable gifts and make lasting friendships during the time of the contest.

The committee encourages all eligible girls to enter the contest for the opportunity for personal growth through sessions on poise and make-up and participation in a dairy promotion.

Interested girls should contact Mrs. Brenneman at 653-4213. Application deadline is May 25.



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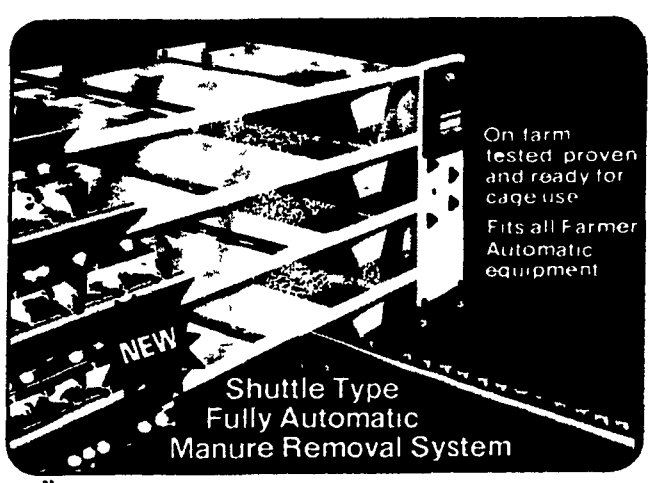

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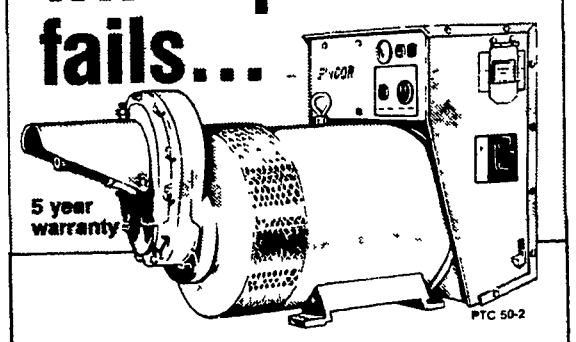

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The Dairy Business

By Newton Bair

Does it pay to be on time?

If you are catching a flight to Miami, singing in the choir or getting married, the question is foolish — you'd better be on time or you're out of luck.

Books have been written about the importance of correct timing in breeding, milking, and many other aspects of dairy farming. Correctly timing the planting and harvesting of crops has a profound bearing on yields and profitability.

But the effect of late planting is difficult to measure, especially when it is complicated by other conditions like rain, heat, drought or other things that we can't control.

We do have some tools the measure the effect on yield of late planted corn. We've known for a long time that corn yields are greatly reduced by late planting. We also know that any reduction in the optimum stand or population will also reduce yields.

A formula to help us measure the reductions has been computerized by Iowa State University scientists and can now be used on the TI-59 programmable calculator. We can quickly estimate the anticipated yield of corn planted later than the ideal date (about April 25 in southeastern Pennsylvania) and/or having a population density less than optimal (26,000 plants per acre).

This can help us decide whether to replant to a higher population if the stand is poor, or accept a somewhat reduced yield. Replanting will mean planting much later, of course, which will also affect yields. The dilemma is in deciding which is the lesser evil, low population or late planting.

Using the calculator program, tables have been worked out to help visualize the effects, both individually and combined. They were compiled on the assumption that the optimum yield potential is 150 bushels of shelled corn per acre, with a maximum population of 26,000 plants at planting.

Table I shows the effect on yield of reduced stand alone, when the corn was planted early, at or near the optimum date of April 29 in southeastern Pennsylvania. The only effect is from reduced stand. There is a rapid reduction in yield potential as the stand is reduced.

TABLE I
Effect on Corn Yield by Reduced Stand
Corn Planted at Optimum Time (April 29)

Plants/Acre	Yield Potential	Late Plant	% Potential Yield by Reduced Stand
26 000	150 bu	100%	100%
22 000	146 bu	100%	97%
18 000	135 bu	100%	90%
14 000	120 bu	100%	80%

The combined effect of reduced stand and delayed planting can be seen in Table II. The right hand column shows the percentage of maximum yield potential resulting from both later planting and reduced stand. These combined effects are more serious than either one above. Planting corn two weeks later than the optimum time reduces yields by 6 percent in addition to the lower yield from reduced population.

TABLE II
Effect on Corn Yield by Reduced Stand
corn planted May 15 (2 weeks late)

Plants/Acre	Yield Potential	Late Plant	% Potential Yield by Reduced Stand
26 000	141 bu	94%	94%
22 000	137 bu	94%	91%
18 000	127 bu	94%	84%
14 000	112 bu	94%	74%

Table III shows a reduction of 17 percent in yield due to planting 30 days after optimum. Added to the reductions due to lower population, the yields are seriously reduced.

TABLE III
Effect on Corn Yield by Reduced Stand
Corn Re-planted May 29 (4 weeks late)

Plants/Acre	Yield Potential	Late Plant	% Potential Yield by Reduced Stand
26 000	125 bu	83%	83%
22 000	121 bu	83%	80%
18 000	113 bu	83%	75%
14 000	100 bu	83%	67%

How can this information be used?

Suppose you've planted early but hail, cutworms or stalkborers or some other unforseen disaster has reduced the stand from your original 24,000 plants to an actual count estimate of 14,000 per acre. Your yield potential is now reduced to 80 percent or about 120 bushels per acre.

Your decision on whether to replant or accept the reduced yield will depend on just how much time has elapsed between the original planting and replanting. If you can replant by May 15 you might increase the yield potential to 90 percent optimum with a full stand. But if replanting is four weeks late, around the end of May, the most you could expect would be about 83 percent of your potential.

Any decision you make must consider other variables. The calculations of this or any program designed to aid in complex decisions can only be valid within the assumptions and constraints built into it. It must therefore be used with discretion and tempered with common sense.

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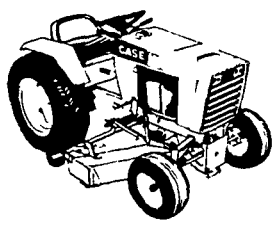

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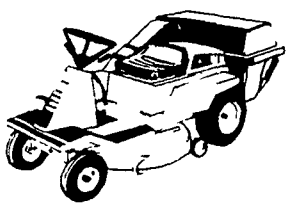

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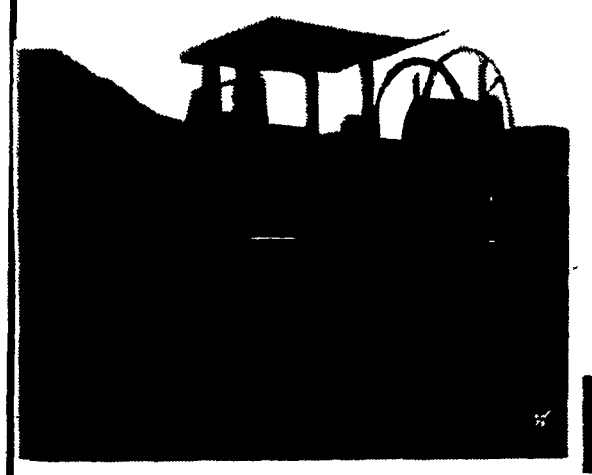

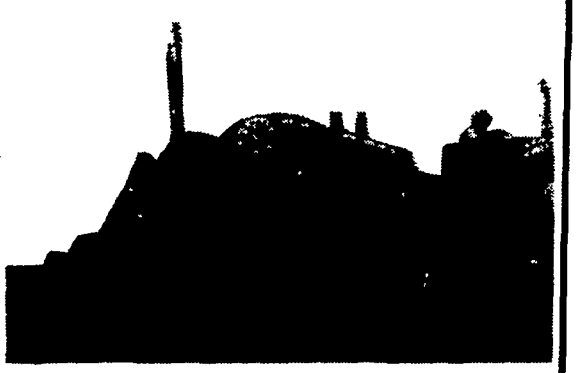

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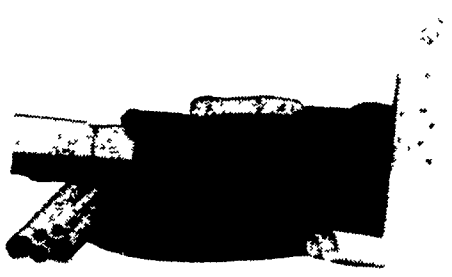
COMPARE
Even with the conservative figures shown here, it's obvious that land drainage should top farmers' lists of investment priorities.



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Fieldwork runs ahead of norm

HARRISBURG — Brisk and gusty northwest winds brought the coolest temperatures since the end of March during the week ending April 27.

Mid-week shower activities left farmers with three days rated suitable for fieldwork, according to the Pennsylvania Crop Reporting Service.

Farm fieldwork activities included plowing, discing, repairing fences and equipment, hauling manure, spreading fertilizer and lime, and planting oats, potatoes, corn, forage crops, soybeans, tobacco beds and sweet corn.

Soil moisture was rated 61 percent adequate, 21 percent short and 18 percent surplus across the state. In the north, soil moisture was rated 66 percent adequate, 17 percent short and 17 percent surplus. Central soil moisture was rated 50 percent adequate, 29 percent short and 21 percent surplus, while southern soils were rated 70 percent adequate, 15 percent short and 15 percent surplus in moisture.

The statewide near-to-below freezing temperatures Tuesday and Wednesday mornings caused some additional damage to peaches, cherries, pears, apples and asparagus. This frost damage has not yet been fully assessed. Peaches are reported as 25 percent in pink stage and 66 percent in or past full bloom. Cherries are reported as 28 percent in pink stage and 60 percent in or past full bloom, while apples are reported at 38 percent in pink stage and 28 percent in or past full bloom. Green peas and strawberry plants are reported as looking very good.

At 68 percent complete, plowing is well ahead of last year's 42 percent and the five year average of 55 percent. Completed plowing is rated at 60 percent in the northern, 76 percent in the central, and 72 percent in the southern regions.

This year's oats are 70 percent sown, compared with 42 percent at the same time last year. Forty-five percent of the crop is sown in the north, 85 percent in central counties and 87 percent in the southern counties.

Potato planting made excellent progress during the week, with planting now 32 percent ahead of last year's rate. Statewide, 40 percent is now completed. The regional standings were 23 percent planted in the north, 41 percent planted in the central counties, and 51 percent planted in the south.

Tobacco beds are reported as 60 percent sown. At this time last year, tobacco beds were virtually completed.

The winter grains continue mostly in the pre-boot stage with some reports of barley and wheat in boot in central and southern areas. Statewide, barley is eight percent booted while wheat is less than five percent booted. Statewide planting of soybeans stands at eight percent complete, up two percent from last year.

At eight percent, completed corn planting stands slightly ahead of last year's five percent and the five-year average of six percent. Corn planting was reported in all three regions of the state.

Both alfalfa and clover-timothy hay stands are rated as 59 percent good and 41 percent fair. The amount of feed obtained from pasture rated average to below average statewide.

xxx

Youngsters will be delighted with this pretty, nutritious beverage called Raspberry-Cranberry Punch: Beat one can (12 oz.) frozen cranberry juice cocktail concentrate with an electric mixer; add five and one-third cups cold milk. Stir in a drop or two red food color, if desired Pour into glasses; top each drink with a small scoop of raspberry sherbet. (Yield: 6½ cups).

How to hedge corn crop against drought

LANCASTER — If there's one thing most corn growers can agree on — it's the importance of weather. Few will question its tremendous effect on crop profits.

In spite of the great influence weather has on yields, there are ways you can modify its effects.

Top corn growers recommend using cultural practices to make full use of sunlight, rain and warm temperatures in their fields.

"Weather control" starts with selecting corn hybrids that fit a specific cropping program and growing conditions.

Scientists say corn is most sensitive to weather from six weeks before silking to three weeks after. What happens during this period largely determines what yields will be in the fall. Potential yields of 150 bushels per acre can be drastically reduced by drought and high temperatures during this critical period of plant growth.

That's why top growers suggest planting hybrids with a range of maturities in order to reduce risk of stress during this weather-sensitive period.

Planting more than one hybrid number can reduce risk of losses from disease and insects which vary with weather conditions.

Since full-season hybrids often yield better, you'll want to plant a part of your acreage to a full-season number. But if you plant large acreages, consider medium and short season numbers, too.

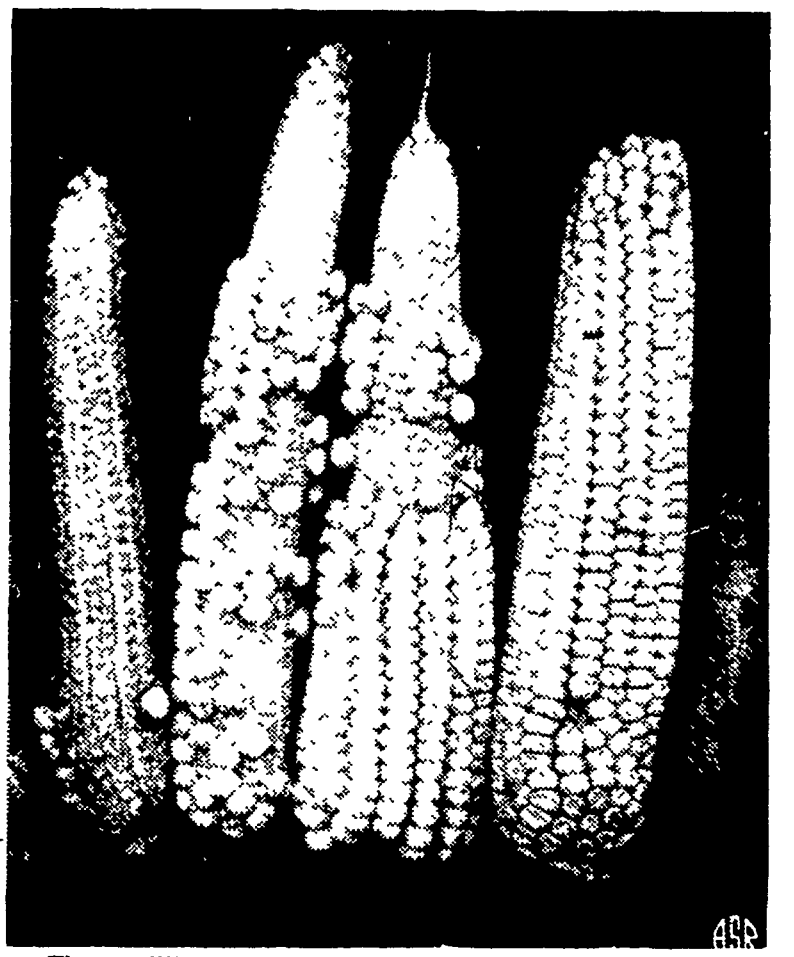
Besides minimizing harmful weather effects, an early hybrid can spread your planting and harvest workload.

Some top growers prefer to plant hybrids in order of increasing maturity. But scientists recommend planting full-season corn first on about 25% of your acreage, medium maturity on about half of your acreage. Plant short season hybrids last.

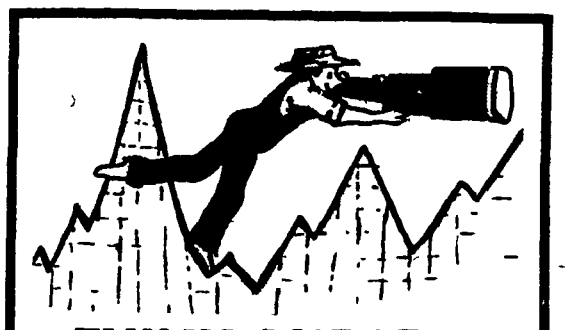
Here's another tip: if planting a full-season hybrid is delayed too long, it's best to switch back to an earlier hybrid. A good early hybrid planted late usually yields more than a late-maturity hybrid planted late.

Several other ways to hedge your corn crop against weather stress periods:

- Plant early.
- Plant hybrids of varying maturities.
- Plant full-season hybrids first.
- Match plant population to hybrid, moisture supply and fertility levels.
- Consider narrow rows to allow for earlier shading, cooler soil, less evaportion.
- Use plenty of fertilizer.
- Maintain good soil tilth and texture to help increase water intake and reduce run-off. Break up crusts. Avoid overworking. Use conservation practices.
- Control weeds and insects.
- Consider early harvest when corn is at 25 to 27% moisture content. You may be able to reduce field losses in order to more than offset drying costs.



These different ears demonstrate varying degrees of drought stress on corn. Planting hybrids with varying maturities as early as possible reduces risk of moisture stress.



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but a lot less to pay"

Chester County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

March 1981

The cow with high fat was owned by Jonas B Stoltzfus
The cow with high milk was owned by Round Top Farm
The high herd for fat was owned by Melvin S Stoltzfus
Melvin S. Stoltzfus and Willowland Farm tied for high herd for milk

OWNER	BREED	NO COWS	% DAYS IN MILK	LBS MILK	% FAT	LBS FAT
Melvin Stoltzfus	3	32 0	86 7	59 5	4 2	2 49
John M Umble	3	41 0	92.0	56 3	4 2	2 35
Wilkinson Farm #2	G3	58 8	97 6	57 8	4 0	2 32
George P. Lamborn	3	37 0	93.9	58 9	3 9	2 32
Willowland Farm	3	59.7	95.1	59.5	3 8	2 28
Robert E. Pepple	3	67 3	89.1	58 4	3 9	2 28
H&R Mason	3	100 7	95.2	56 6	4 0	2 24
John S Stoltzfus	3	67.0	91 9	53 9	4 1	2 20
Paul King	3	79.4	92.8	56 2	3 9	2 19
Harold R Kulp	B3	70 0	90 6	53 1	4 1	2 19
Raymond Harnish	B3	78.1	90.9	54 4	4 0	2 18
Ardrossan Farms	1	110 7	88.9	50 6	4 3	2 16
Omer S. Smoker	B3	77 0	93 9	54.8	3.9	2 13
R. Proud & Son	B3	53.8	95 0	54 4	3 9	2 10
Hargret Dy. Inc.	B3	45.9	95.1	56 9	3.7	2 10
Jonas B. Stoltzfus	3	41.1	86.4	57 1	3 7	2 10
Elmer A. Mast	B8	70.0	93 3	50 5	4.1	2 09
H Freese & Son	3	66 2	88 8	52 9	4.0	2 09
Merle J King	B3	82 3	91 9	50 0	4 2	2.09
David E. Weaver	3	85 0	91 4	53 2	3 9	2 09
V. Guest & Son	B3	82 9	92 0	52 6	4 0	2 09
Wilkinson Fm. #2	G3	61.6	96 6	55 2	3 8	2 09
B.K. Kauffman	B3	32.3	96 9	56 0	3 7	2 08
Harold Umble	3	41 0	96 2	51 1	4 1	2 07
Mast Stoltzfus	B3	51.4	91.7	51 6	4 0	2 06
Ronald Elliott	B3	66 2	96 3	51 9	3 9	2.04
Beiler & Barlow	3	55.9	93.7	51.7	3.9	2 04
Leon D. Kurtz	3	39 0	83 1	52.0	3.9	2.02
Calvin R Blank	B3	52 4	94 8	51 1	3.9	2 01
G Stoltzfus Jr	B3	42 3	89 6	54 3	3.7	2 00
T. Kauffman #1	3	41 3	89 7	56 3	3 6	2 00
Joseph I Kulp	B3	50 2	93.6	50.1	4 0	2 00
Kulp Bros.	G3	81 0	88 9	50 2	4 0	1 99
G. Strohmaier	B3	93 0	92 7	51.1	3.9	1 98
Newton Evans Jr	3	72 0	92 5	52 4	3 8	1.97
Paul M Snader	B3	27 0	88 5	51.3	3.8	1 97
J. Elmer Lapp	3	38 0	96.2	49.6	4.0	1 97
B.K. Kauffman	3	43 0	92 6	46 6	4 2	1 96
Christ Stoltzfus	3	53 4	88 3	55 2	3 5	1 95
Herman Stoltzfus	B8	49 2	91 3	52 3	3.7	1 95
D.&T. Kauffman	3	28 7	83 8	49.5	3.9	1 95
Wilkinson Fm #1	00	228 0	117 9			
Robert H. Herr	G3	34 0	97.4	50 9	3 8	1.93
Jonas Z King	B3	38 3	89.7	54.7	3.5	1 92
Mildred Seeds	4	14 0	95.4	35.9	5 3	1.92
David Stoltzfus	B3	42 3	85.7	50.5	3 8	1 92
Robert M. Crowl	2	41 1	96 2	39 0	4 8	1 89
Dunwood Farm	3	47 2	85.2	47.4	4 0	1 89
J Kenneth Landis	B3	48 5	90 8	44 8	4 2	1 89
Elvin P Graybill	B3	50 0	94 4	49 7	3 8	1 88
Chester Hills Fm	B3	131 1	96 6	46 4	4 1	1 88
Enos R Peifer	B3	54 2	90.6	47 9	3 9	1 88
Lene Hills Fms	B3	60 0	88 6	46 8	4 0	1 87
Daniel Kauffman	G3	38 5	89 8	49 9	3 7	1 87
David Bartram	B3	107 0	90 1	46.0	4 0	1 86
Edgar Miller	B3	44 6	98 3	50.9	3 7	1 86
Breck A-De Farm	3	73 0	88 9	49 7	3 7	1 86
Joseph S King	B3	81 6	91 1	44 9	4 1	1 85
Landis S. Reid	B3	65 7	90.6	48 2	3 8	1 85
Daniel Stoltzfus	B3	43 4	76 9	42.9	4 3	1 85
Penn Valley Farm	B3	56 1	93 4	45 2	4 1	1 84
Richard Hoopes	B3	87 0	90 3	50 1	3 7	1 83
Dale Hostetter	B3	50 7	91 5	50.5	3 6	1 83
Louis C Neyman	G3	37 0	91 6	47 9	3 8	1 82
Lloyd Mast & Sons	3	122 1	93 8	46 7	3 9	1 82
Walmoore 1	B3	149 0	90 3	48 5	3 7	1 81
Earl Mast	3	32 0	85 2	46 0	3 9	1 81
Rothenberger	G3	124 2	93 1	45 7	4 0	1 81
Richard Hostetter	B3	71 4	88 9	48 0	3 8	1 81
Wilkinson #III	B3	52 0	93 2	41 2	4 4	1 81
Richard Stauffer	B3	28 6	92 2	45 2	4 0	1 80
Samuel B Acker	B3	195 4	91 2	46 9	3 8	1 80
Rose View Dairies	B3	48 5	91 6	44 2	4 1	1 80
Robert W. Campbell	1	42 4	84 4	43 0	4 2	1 80
Round Top Farm	B3	89 2	82 2	50 5	3 6	1 80
F Miller & Sons	B3	67 0	84 1	44 5	4 0	1 79
Walmoore #3	B3	145 0	89 4	46 5	3 8	1 79
Dennis Bush	B3	122 4	88 3	47 0	3 8	1 78
Walmoore #2	B3	139 2	89 6	46 5	3 8	1 77
James V Yale	B3	59 7	90 0	43 8	4 0	1 76
Simon Z. Zook	G3	45 0	84 1	44 9	3 9	1.76
John R Groff	B3	48 6	81 8	43 2	4 0	1 74
David L. Weaver	B3	46 9	81 2	44 6	3 9	1 72
Isaac Stoltzfus	G3	31 7	92 4	43 2	4.0	1 72
Donald Horning	B3	41 0	87 9	42 7	4 0	1 71
Joel C Brown	B3	104 9	93 7	47 5	3 6	1 70
David Windle	B3	47 6	80 9	41 3	4 1	1 69
Harold J Ranck	3	35 5	83 9	45 6	3 7	1 68
Andrew K. King	G3	41 7	92 7	47 4	3 5	1 68
W G Dixon Strowd	G3	121 4	91 0	41 6	4 0	1 67
Eli K Stoltzfus	B3	39 9	82 7	43 2	3 9	1 67
Bryncoed Fm Inc	3	177 3	91 2	43 3	3 8	1 66
S&M Matthews	B3	29 9	76 9	41 4	4 0	1 66
Hypoint Acres	B3	66 9	89 8	42 6	3 9	1 66
David Walton	3	44 2	88 0	43 1	3 8	1 65
William High	3	97 7	83 4	42 2	3 9	1 65
Arthur D Hershey	3	53 9	87 0	44 3	3 7	1 65
Kauffman Bros	3	63 4	84 3	42 8	3 9	1 65
Charles J Moore	B3	51 8	84 0	43 9	3 8	1 65
S&M Matthews	B3	29 9	81 9	39 9	4 1	1 64
Mt Olivet Farm	B3	144 8	90 4	42 4	3 8	1 63
J Hicks & Sons	B3	222 7	83 3	39 4	4 1	1 63
Charles H. Gable	1	66 9	83 2	35 8	4 5	1 61
Harold J Ranck	3	51 8	80 8	41 7	3 8	1 59
G Steele & Sons	B3	87 0	88 8	40 1	4 0	1 59
Donald Speakman	G3	86 7	89 9	42 1	3 8	1 59
Jonas E Stoltzfus	3	34 0	90 1	44 1	3 6	1 58
Donald H Windle	B3	137 8	93 6	40 1	3 9	1 58
Wilmer Hostetter	B3	41 8	72 2	39 9	4 0	1 58
Allen S Hoover	B3	141 1	85 8	46 1	3 4	1 58
Moran Bros	B3	71 0	95 6	39 6	4 0	1 58
Thomas W Kaiser	B3	27 2	88 6	40 5	3 9	1 58
Harvey C Waltz	B3	80 3	89 5	42 3	3 7	1 57
Henry S King	B3	53 0	82 1	41 1	3.8	1 57
Harold Kulp	1	42 1	82 0	35 0	4 5	1 57
Milky Run Farm	B3	38 8	86 4	42 4	3 7	1 57
Marsh Acres Farm	B3	91 3	81 5	38 7	4 0	1 56
Calvin S Kurtz	B3	61 3	88 6	39 6	3 9	1 55
Henry M Hershey	B3	56.9	88 7	36 9	4 2	1 54
M & J Edwards	B3	63 0	84 3	39 0	3 9	1 54
G Wickersham	B3	202.9	91 3	36 6	4 2	1.52
Paul Smoker	G3	52.0	90 5	38 6	3 9	1 52
Harry L Griest	B3	63.1	88.2	38 6	3 9	1 51
Donald Shoemaker	B3	92 1	96 7	39 6	3 8	1.51
J. Dean Cheek Jr	B3	40 6	77 9	44 1	3 4	1 51
Harvey Reiff	B3	40.4	85 6	37 6	4 0	1.50
David Darlington	B3	53 0	90 2	40 3	3 7	1.50

OWNER NAME OR NUMBER		DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Jonas B Stoltzfus					
Dot	3	305	25,111	3 8	951
John S Stoltzfus					
Good	3	305	22,644	4.1	939
Taco	3	305	21,475	4 0	869
Farrah	3	305	22,221	3 4	755
Melvin S Stoltzfus					
Sue	3	305	23,956	3 9	929
Betty	3	305	18,590	4 5	844
Dunwood Farm					
Boots	3	305	23,921	3 8	907
Robert E Pepple					
76	3	305	19,588	4.5	888
2	3	305	16,711	4 6	761
Ronald F Elliott					
Mary 137	3	302	17,767	5 0	887
165	3	305	21,593	3 3	719
H&R Mason					
IF	3	305	22,874	3.8	861
117A	3	305	19,827	4.1	803
Christ L Stoltzfus					
Marie	3	303	22,485	3 8	859
Barbe	3	305	25,213	3 4	849
Maggie	3	305	19,441	3.7	722
Walmoore #2					
20	3	305	19,966	4.3	851
840	3	305	21,377	3.7	788
1030	3	305	22,657	3.4	773
7	3	305	21,901	3 3	712
Breck A-De Farm					
85	3	305	21,840	3 9	846
87	3	305	22,215	3 4	756
Round Top Farm					
9	3	305	26,824	3 1	840
35	3	305	19,685	3 7	724
Charles H. Gable					
251	1	305	17,953	4 6	833
Calvin R Blank					
Dorthy	3	305	21,805	3 7	817
June	3	305	17,584	4 2	746
Harold Umble					
Missy	3	305	18,375	4 4	813
Rita	3	305	17,441	4 1	721
Richard Proud & Son					
B12	3	305	19,420	4 2	810
195	3	305	18 037	4 4	796
James V Yale					
41	3	305	23,483	3 4	806
32	3	305	21,051	3 7	778
31	3	305	17,840	4 2	748
W.B Dixon Strowd					
465	3	305	15,464	5 2	798
Wilkinson Farm #2					
953	3	305	20,152	4 0	797
805	3	305	20,980	3 5	724
Enos R Peifer					
3	3	305	21,725	3 6	789
30	3	305	20,455	3 6	745
Herman Stoltzfus					
Goldie	9	305	19,392	4 1	789
Ardrossan Farms					
Snothin	1	305	20,005	3 9	787
Boysmin	1	305	19,736	3 8	745
Svgbell	1	305	16,788	4 4	737
C Betty	1	305	20,001	3 5	710
SB Time	1	305	17,559	4 0	706
Louise C Neyman					
25	3	305	19,101	4 1	787
Harry L Griest					
69	3	305	23,767	3 3	784
Joel C Brown					
446	3	305	25,441	3 0	774
705	3	305	20,081	3 5	702
Vernon Guest & Son					
Darla	3	305	20,712	3 7	773
Leon D Kurtz					
Delores	3	305	20,131	3 8	763
Earl Mast					
Faith	3	305	20,107	3.8	762
Lene Hill Farms					
11	3	305	18,292	4 1	755
Joseph S. King					
28	3	305	17,793	4.2	753
Gottlieb Strohmaier					
Amos	3	305	18,119	4 1	743
Sharon	3	305	16,800	4 2	706
Walmoore #3					
841	3	305	17,445	4 2	741
George P. Lamborn					
Arletta	3	305	19,668	3.8	739
J. Elmer Lapp					
Liz	3	305	20,932	3 5	738
Chester Hills Farm					
W90	3	305	15,596	4 7	737
Merle J King					
Misty	3	305	20,667	3 6	736
Gene	3	305	15,210	4 7	720
Elvin P. Graybill					
Susie	3	305	18,458	4 0	735
Rothenberger Bros					
39	3	305	18,235	4 0	732
William High					
200	3	305	17,033	4 3	732
John P. Kauffman					
Molly	3	305	19,255	3 8	729
Percila	3	305	21,233	3 3	704
Paul Smoker					
9	3	305	17,675	4 1	729
Willowland Farm					
Audrey	3	305	19,085	3 8	723
David Walton					
Danell	3	305	19,377	3 7	712
Paul King					
Tricia	3	305	17,241	4.1	702
Lloyd Mast & Son					
61	3	305	20 299	3 5	701

Beattie calls for nat'l ag policy

UNIVERSITY PARK — Food and agricultural problems as severe as today's inflation, unemployment, or the energy "crunch" will occur within 20 years unless a well-defined national agricultural policy is developed, declared Dean James M. Beattie, of the College of Agriculture at Penn State recently.

Beattie said the nation has not had a well thought out, clearly expressed agricultural policy. What has existed, he contended, has been a reactive operation geared to the political and economic suitability of the year, month, or moment.

Writing in a recent issue of "Science in Agriculture," the quarterly magazine of the College of Agriculture, Beattie outlined five key elements he believes must be dealt with:

— Assurance of a fair rate of return on investments; — preservation of prime agricultural lands; — support of the needs of research and development; — renewed emphasis on the partnership between federal, state, and local governments; and — reasonable laws and regulations.

Farm production, despite some concern about "corporate farming," is not like manufacturing, he pointed out. The assembly line cannot be shut down and the workers laid off. Modern farming, he observed, involves a tremendous capital investment and enormous risks.

"A resource so vital to the continued well-being and health of our nation must have some guarantees to the producers of a fair rate of return on investments," he affirmed.

As for preservation of prime land for farming, he said a 1979 survey showed that more than half of all Americans consider the loss of good farmland a serious problem.

"We need to view land as a resource rather than a commodity," Beattie said. "There is no easy solution to this problem. It involves the rights of ownership and all the increasing pressures of urban growth, plus the expanding needs for residential, industrial, and recreational areas. The answers are certain to involve use of public funds."

Beattie said agriculture's portion of federal funds for research and development is down to about 1.3 percent. In 1940, agriculture received nearly 40 percent of the budget for research and development. Since the mid-1960's, federal funding has fallen seriously behind the inflation rate, he claimed.

"Today our pool of basic research information is used up to the point where we have very little basic information from which to draw the answers for future problems," he commented. "It is urgent that a new national commitment, involving both public and private funding sources, be made to strengthen our basic research efforts."

Penn State's Dean of Agriculture called for renewed emphasis on the partnership between federal, state, and local governments. He said state and federal legislators, for various reasons, have not lived up to the commitments mandated in the Hatch Act which created the State Agricultural Experiment Stations and the Smith-Lever Act which established the Cooperative Extension Service.

"The Food and Agriculture Act of 1977 was a significant restatement of this federal, state, and local partnership," he noted.

Beattie defined reasonable laws and regulations as making "an appropriate balance between free enterprise and government control."

"We must protect the consuming public while avoiding undue burdens upon farmers," he said. "Most often it is not the legislation directly that causes problems. Rather, it is the regulations developed by people with little or no experience in agriculture. Such regulations can go too far, become too costly, and ignore a commonsense approach to problems," he concluded.

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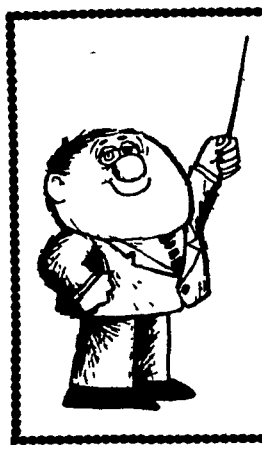

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For Sale - Farmall 806 diesel, wide front, 3 pt, good condition. Also Glencoe 5 shank soil saver, new condition 215-683-5283 eves.

For Sale - Hesston haybine model 1010, hydroswing. 215-286-9426

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MF 510 diesel combine with 4-30 corn and 13' grain heads, straw spreader, 814-237-6080

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For Sale - 1537 Case Uniloader. 495 NH haybine, 12', 420 Int. plow, 3-16. 717-862-3682

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For Sale - NH 55 mower, engine, reduction gear, hydraulic, complete, excellent cond Sam E Stoltzfus, Rt 7, Coatesville Pa 19320 Chester Co.

Ford 8N 6 cyl excellent condition, original $1675, IH 45 PTO baler $250, 717-784-1593

E-Z Trail farm wagons, wagon beds, plastic fence posts 5'&6' .40 per ft. B John Stoltzfus, Gap, R1, Millwood Rd

For Sale - 3 New Idea running gears. 717-897-6616 or 717-897-5470

36'6" Mayrath auger on wheels, JD 5 bottom 16" semi mounted trip plow, excellent condition, field ready, Windy Srping Farm, Quakertown, PA 215-536-0912

For Sale - John Deere boot grain drill on rubber, hydraulic lift. Excellent condition $375.00 Sch Co. 717-345-3430

For Sale - New F2L912 Deutz diesel, 20 to 32 h p Best reasonable offer. 717-733-4453

FARM EQUIPMENT

JD 494 corn planter, 30" rows, insecticide fair, $650. JD FBB grain drill, 17 double disc, clutch lift, fair, $350. Call 215-262-4501 or 395-9059

Army truck, 2½ ton, diesel, all wheel drive, tandem axles with 5 speed trans., high & low range, front mounted winch, 900 x 20 tires, low mileage, very good condition. $3800 firm 609-769-3183

For Sale - Farmall Tractor, Super M with live hydraulic very good condition $1500 or best offer 717-436-6513

4 RF 200 IH tandem truck, 450 engine, 5 main 3 aux, 12F 34R P S, 106 CA $3000 each, 1 White tandem tractor, V8 gas, 5 main, 2 speed rear, air tandem axle $2000, 2 White tandem dumps, 5 main 3 aux. 12F 34R 6 CY. engine $3000 each, John Stapf Corp Harrisburg, PA 717-234-6281

PTO - A - 42" Myers orchard sprayer, $3750 717-993-2545

JD 26 tooth harrow, trip type, MF side rake, 3 pt hookup, MF cultivator, high side hay wagon, Cunningham hay conditioner, front end loader bucket, silo filler with pipes, 215-779-0799

For Sale - JD 999 2-row horse drawn corn planter, good condition 215-593-5754

Wanted - Original steel wheel for Massey Harris 101 or JD A or B Levi S Zook, Rt 1, Quarryville, Pa 17566

For Sale - Case 28 disc harrow, Massey Harris 101 tractor with saw mounted Both in good condition Levi S Zook, Rt 1, Quarryville, Pa 17566

FARM EQUIPMENT

For Sale - VERMEER ROUND BALERS Westmoreland Co 412-423-4076

(New) NH 310 baler with engine, $5200 Pequea Machine, 3230 E Gordon Rd., Gordonville, Pa 17529

2 JD 715 chuck wagons, tandem axles and 3 beaters, 1 Badger chuck wagon, tandem axle and 3 beaters, 1 4 row snapper head JD, 215-347-2309 after 7 p m

Please, help me to try to sell hundreds of Transplanters, Mulch Planters, Plug Mix, Layers, Speedling Planters, Peatpot Planters, Treeplanters this year Friendly Transplanter Phil, 410 Mullica Hill Road, Glassboro, NJ 08028 609 881-7023 mornings, evenings

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For Sale- Oliver 2 bottom plow, 12". Phone 215-593-5754

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For Sale - 135 h.p JD 4620, duals, power steering, roll guard, excellent condition. 717-837-3214 or 837-0059

For Sale - NH 469 haybine $1450, Case 1747 uniloader, gasoline engine, dirt bucket and manure forks $2850, Kent Co, MD 301-778-0323

IH 400 4 row corn planter, Gehl skid loader, 16' Kewanee disc, 412-459-8029

For Sale - JD model 925 cultimulcher, 10', $1250, full set of front weights for JD, $475, 215-968-6543

Int. 6 row cyclo air planter, hyd drive, hyd fertilizer auger, dry fert bins, insecticide attachments, corn and soybean drums, no-till attachment, and seed monitoring system, JD 1630 plowing disc, 12' wide, heavy duty with ¼"x22" blades, Glencoe 9 tooth soil saver folding harrow, 6 row cultivator, Donahue lowboy trailer 215-458-5986 after 5 p m

For Sale - Feeder House off of 1979 JD side hill 6620 combine, used 1 yr., Dauphin Co 717-896-8314

For Sale - New & Used McD #9 ensilage cutter $800 up Also used #7 McD #9 trailer gear mower, 7 ft McD & JD PTO corn binders with new or used long loaders, parts for above equipment Elam S Beiler, 12 S Ronks Rd, Ronks, PA 17572

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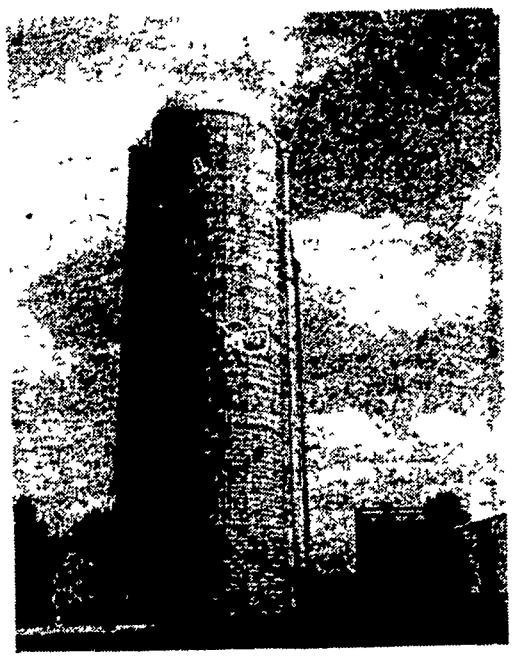

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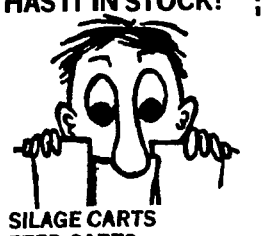

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Allis Chalmers tractor, 1954, model G, $1500 After 6 p m 215-588-1505

Air Conditioned Cab Year-A Round cab, series QT1 model 214, 2 yr old, $1800 201-449-6140

For Sale - 3 section spring tooth harrow, JD lever type AC 390 haybine, AC 56 flail chopper, AC 56 flail chopper for parts Narrow front end for AC XT190 tractor Chester Co 215-593-5445

New bale throwing beds, size 8x8x18, all oak 215-273-2594

Used very good condition Hesston Stackhand 10 with 10W Stackmover Extra belts and 2 complete sets of hay guards included $3000 215-598-3980 after 7 p m

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14' Brilliant cultipacker with transport wheels, Stump Acres, York Co 717-792 3216

For Sale 3 bottom disc plow, also 3 bottom Case mold board plow, 1947 Dodge truck, 717-653 5663

For Sale - Gas and diesel engines, rebuilt, AC, Wisc and GM power units or other applications, Smucker's Welding Shop, Rd 1, Strasburg, PA 17579

Woods RM90 mower, 7½ ft cut, 1 yr old, excellent condition, 717-898-7443

1500 Better Bilt liquid spreader, 4" inlet, 4" outlet, vacuum spreader, like new, $3500 717-665-6226

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AC 2 row no til corn planter, 600 series, good condition, $1800, 717-687-7939 7 p m only

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AC 7030 tractor, new engine and clutch $18,000, AC 6 bottom x 18 trip and reset plow $2500, JD 5 bottom trip plow, $5000, NH 489 haybine $5500, JD rake $500, days 201-879-5509, night 201-879-5026

460 Long with front end loader, bucket and set of forks, extra wide tires and wheel weights, 717-864-3135

1974 Stoltzfus dry lime and fertilizer spreader box for truck, 10', full hyd 215-593-2495 eves

For Sale - Oliver 1800 C gas tractor, WFE, live PTO, 3 pt. hitch, good rubber, low hrs, excellent condition, 717-668-5215

John Deere 494A 4-row corn planter, good condition Chester Co, Oxford, Pa 215-932-2288

For Sale - 1 Dion self-unloading wagon with roof, 2 yrs old, excellent condition PH 301-836-1418

For Sale - New Holland #517 spreader, triple beater, 205 bushel, good condition, $1500 New Holland Super 24 table forage blower, PTO, $400 Frystown 717-933-8764

FARM EQUIPMENT

For Sale - MF combine #35 S P, 8' cut, ready for field, $1500, Case hay crimper, steel rollers, good shape, $200, Farmall M with two row picker, good shape, $1500 302-658-0566

For Sale - IH PTO corn binder, needs new wood, otherwise very good, New Idea 4 bar side rake on steel wheels with tedder, very good 717-222-3875

For Sale - old Wood Drop Reaper, very good condition, collector's piece 717-222-3875

For Sale 1975 Farmall hydro 70 diesel, wide front, 3 pt, 16 9x38 tires, set rear weights, front weight bracket, 1300 hrs, excellent condition, Jefferson Co 814-856-2891

For Sale - Gehl 800 harvester with new hay pickup head Lebanon Co 717-933-4486

For Sale - Minneapolis Moline tractor, good condition with 3 point hitch $1600 Large air compressor with Wisconsin 4 cylinder motor, some paint spraying equipment $600 Pup road roller with retracted wheels for towing $1500 Phone Hbg 717-652-1957 or 717-896-8442

New Farm Machinery Parts roughly 10 yrs old from NH, MF, and NI dealership, would give to a church or fire dept for their disposal, plus lots of other accessories Call 301-838-7271

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IH 455 4 row corn planter, 717-275-3309

For Sale - 1977 New Idea Uni System 7070 power unit w/767 chopper, PU head, 2 row corn head, excellent condition, all for $25,500, delivery available/Allegheny Farm Service, Marion Center, PA 412-397-5533

For Sale - 2 AC G type tractors with cultivators & many parts One Hardee hi pressure sprayer with 30' boom 60" heavy duty 3 pt. hitch bed former 203-626-5610 days, 203-289-2370 eves

NH tank spreader, like new, $2000 Badger manure spreader, $525, good condition 717-776-6203

For Sale - AC HD 9 bulldozer, 4-71 Detroit, excellent, 717-868-5966

JD 246 3 pt corn planter, sorghum and corn rakes York Co 717-244-3914

Roto tractor - garden type, 28 hp, 3 pt. hitch, electro lift, 48" mower, originally $6700, brand new, must sell, make offer 215-643-4691

1980 Kubota tractor, 4 WD, 34 hp. front end loader, with external pump, less than 100 hrs, selling due to health, $9500, 717-229-2602

For Sale - 999 cornplanter with fertilizer attachment and plateless units, also 1240 2 row horse drawn and 3 pt planters Gideon F Stoltzfus, RD 2 Box 2276, Gap, PA 17527, 1½ mi N of Gap along Rt 897

HD5 AC dozer with bucket, $3000 717 425-3697

FARM EQUIPMENT

For Sale - 180 MF Row Crop with two row corn picker 304 379 4511

For Sale - Used IH 500 cyclo planter, 6 row with semi mount attachment Call SWOPE & BASHORE, INC 717-933-4138

Frick #0 sawmill, 4 yr old with 471 Jimmy diesel, 215-385-3884

For Sale - Heavy duty Brady grinder mixer in real good condition, Governor control on auger feeder, 12' discharge auger, priced to sell Levi S Nolt, Rd 1, Leola, PA 717-656-9565

For Sale - JD model 70 diesel tractor, Bush Hog 4 row Black Hawk corn planter, Cultipacker, harrow, snowblade, 3 bottom plow 717-677-6716

Gleaner C2 combine with 12' grain table, also F330 corn head 717 898-8927

For Sale - JD 494A 4 row corn planter with very good fertilizer hoppers and extra plates $595, 717 548-2559

2 Mobile Home trailer axles with electric brakes & good tires, $175 ea 717 687-6553, eves. & weekends 717-687-8021

Wanted - Good used grain dryer, call and give size, condition and price to 814 263-4087 or write Rd 1 Box 291A Frenchville, PA 16836

For Sale - NH Model 851 round baler, used for 500 bales, new condition 717-273-6036

For Sale - Case trip 6 bottom 16" plow with coulters, color boards, gauge wheels, good condition, no reasonable offer refused AC 4 row corn planter, no till attachment, plate planter in good condition Handwerk Bros Service Center, Rt 1 Box 112 Slatington, PA 215-767-5946

Wanted - A B Fahrquar head block #S32 top price paid, 609-629-5675

JD Model 1209 haybine, good condition $1750, 201-879-5851

For Sale - IH 856 diesel, WFE, 3 pt hitch, good condition, Williamsport, PA 717-322-6526

FARM REDUCTION EQUIPMENT SALE
B-275 International Industrial Diesel Loader, $4250, 1970 GMC 3500 Cattle truck with new gate by EBY, $2150, Silo & Equipment, 20x65 (Corrostone) w/roof and pipe, $4000, Patz silo unloader, 20', like new, $3500, Dion blower, needs work, $250, Wetmore recutter blower, $650, 10KW generator with V4 Wisconsin engine, $1250
201-859-2616

JD 50 side mount mower, fits 1020, 4020, $500, Little Giant 18' elevator with chassis, $350, NH pickup head, fits 717 or 770, $350, 2 Grove wagons, 1 rear unloading and 1 dump, best offer, dump wagon lift cylinder kit, $100, dumping station, 200' 1" glass, $50, 25 Jamesway crate bowls, $5 each 717-529-2163

NH 256 hay rake, NH 478 haybine, NH 310 hay baler, all in excellent condition. York Co 717-266-1492

3600' of 40' length 6" aluminum pipes 201-537-2674

For Sale - JD TWA 12' transport disc, like new with 26" blades, $3500, also 5 JD trash coulters 607-478-8934 Andover, NY

Wanted - Good used hay baler with thrower, also good used combine, preferably tractor pulled combine, Call Mr Lingle, 814-263-4087 between 9 a m 5 p m or write Rd 1 Box 291A, Frenchville, PA 16836

NH 8 crop carrier, chuck wagon, 2 yr old, 215-845-7602

FARM EQUIPMENT

1978 Heavy duty ¾ ton 4 wheel drive Chevrolet truck 300 gal Agway sprayer, 465 gal fiber glass tank Will sell separate or together Call A M 1 717-888 5015

For Sale - JD 1209 Haybine, 3 years old, late model, excellent condition 301-842-2343

For Sale - D-17 AC Series IV, gas tractor, price $3800, Feeder steers 400 500 lb Holstein, Fulton Co 814 685-3426

For Sale - Oliver Super 88, live PTO, hyd 717-527 4177 Juniata Co

For Sale - JD 15' roller harrow, 201-454-4034

Case 6-16 auto reset plow with on-land hitch, Ih 56 4 row corn planter, fiberglass boxes 717-384-4110 call 6-7 a m

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For Sale - new Ford 532 baler, 1 at $4400 (dealer) 717-658-3444

For Sale - Howard Rotavator, 60" wide all new blades 717-587-2659

For Sale - Model 268 NH baler, used little, excellent condition For information call 609-894-8143 eves

For Sale - MF model 175 tractor, wf, with all new tires with MF front end loader mounted. NH haybine model 479, used very little 215-584-5550

4430 JD rollguard, new tires, 3100 hrs, $14,500 Franklin Co 717-597-8253

For Sale - 2 - row 3 pt Ferguson corn planter, good condition, $200 York Co 717-927-6712

For Sale - D-6 Cat hyd blade 301-838-6196

JD 7000 Max-Emerge 4 row plate planter with insecticide, JD 3020, wide front end, 2100 hrs, side console, JD 13' disc harrow, White 4-16 custom tip semi mounted plow. 717-733-7408

Cherry Shakers, 4 pneumatic shakers, 2 catching frames, $500 or best offer, 215-367-8300. 215-886-5278 eves

JD 350 B Loader w/bucket, log forks and clamp, winch and log arch. 703-721-2643

Case 1070 cab-air, 970 hrs, IH 450 4 bottom plow, 3 pt. hitch, auto reset, Washington Co 301-797-4118

175 MF diesel, multi power, good condition, 717-733-7408

For Sale - Gandy herbicide applicator, 16' hyd driven, Myer sprayer, 1000 gal 717-665-6956

For Sale - NH Super 717 Forage Harvester w/38" 2R corn head and hay head real good condition. Also 12' Pittsburg Disk 215-944-0263

For Sale - JD Model 55 SP combine with 14' grain head in good condition, Oliver 14' transport disc harrow in excelent condition, 215-766-0479 evenings

For Sale - AC no-till corn planter, 4 row, fertilizer and insecticide boxes, monitor, excellent condition, 717-249-2300

For Sale - Int. 55 chisel plow 7', NH haybine #477, 7', Int hay rake, #35 215-869-9310

For Sale - NH Balcon & Kicker- motor Driven model 369, JD hay rake model 894, Cunningham crimper model 8-58, Above in good condition $600, Call 301-692-6148 after 6 p m

AC Tractor model G, plow and sickle barn, very good condition, 215-539 9076

Save time, Save fuel, once over seed bed preparation using Lely Roterra, RH-400-40, 14' 1000 PTO, spray boom, floating pan Int 340 harrow, 3 pt hitch, 21', hydraulic folding Int 540 plow, 4 bottom, 16", 3 pt hitch, Call after 6 p m 717 68[illegible]

FARM EQUIPMENT

Used skid steer loader w/200 Owatonna, $3500, MF 175 tractor, diesel, $5500, IH 674 diesel w/cab, $7500, JD 42 pull type combine, $1350 Jackson's Oakland 301-334-3759

For Sale - One 3 bottom Massey 3 pt hitch plow, 14", one Grove forage wagon in good shape with hydraulic drive Will consider trade for bale wagon in good shape 717-359-7460

For Sale - Ford 5000 diesel tractor with turbo, 83 h p, 8 speed, $6900 215-445-5725

For Sale - Int 966 hydro dual wheels, heat houser, complete set of weights, IH 56 four row corn planter, Fox 2310 harvester with pickup head, 2 row corn head, 2 row snapper head, 10' x 35' silo, Fickes, 977 Caterpillar, rebuilt Ph 717-264-8967 or 717-369 3506 Franklin Co

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For Sale - JD 2010 front end loader, good condition, $5000. 301-848-5812

For Sale - sorting, clean up and packing line for green tomatoes and so forth, for details call collect 717-334-9426 after 5 p.m

For Sale - tractor, Int hydro 100, almost new, 400 hrs, 215-821-8832 or 215-434-4617

For Sale - John Deere #6 Chopper 301-452-5252

JD 520 original paint, 4000 original hrs, 3 pt hitch, 814-793-4293

Case 1270 diesel tractor, 135 hp power shift, 1000 pto, weights, 300 hrs., excellent condition $18,300. 717-872-8659

MF 32 trailer mower, 7' cut, with extra knife, never used, 814-643-3079

For Sale - Farmall A Graybill Machines, Inc 717-626-5221

For Sale - Better Bilt 2100 gal spreader with knives 717-626-6198

JD 70 diesel, real clean, 814-793-4293

Garner Rupp 6" scavenger pump on sled, powered by 90 industrial Ford diesel motor, 1200 gal permanent, excellent condition, $2250 609-896-1916 or 609-737-1204

4 row Int 449A corn planter, fiberglass fertilizer boxes 717-244-5892 after 3 p m

For Sale - 1 used M & W Dynomonitor $425, 301-452-5252

For Sale - 706 Int diesel, wf, 3 pt 814-793-4293

JD 630 Tractor, excellent condition $3500 301-829 0271

NH 320 Baler w/thrower, 2 yrs old excellent cond NI Cut/ditioner 9', 1 yr old
3 Bale Wagons
NH 256 Hay Rake
40' NI Elevator
301-795-9631

FARM EQUIPMENT

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MF 50 Tricycle $1850
MF 85 $2850
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Index Icing Machine w/10 h p motor $150
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Palm, Pa.
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JD 520, excellent condition 814-793-4293

For Sale - JD 150 hp 4630 quad range, sound guard cab with air cond, and radio, 1050 hrs, 38x38 dual tires, excellent condition 717-752-3825

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For Sale - JD 999 corn-planter, IHC mechanical lift corn planter, Oliver 2 bottom raydex 12" & 14" trailer plows NH & 55 & 56 rake, NI 751 and 752 crushers, MC 7' rotary scythe, sharp, JD KBA disc 20, 24 & 28, available w/transport 717-687-6553 eves & weekends 717-687-8021

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Used 479 NH Haybine $2500
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FARM EQUIPMENT

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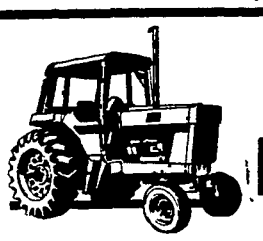

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NH 479 Haybine
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Farmall H
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(3) JD 444 Corn Head

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MF 468 6 Row
IH 56
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(2) IH 4R 400 No Till
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NH 269 Baler
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JD 24T Baler
NH 273 baler
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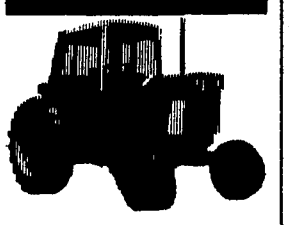
Hub Tool Elevators formerly N.H.
Moridge 400 bu. Dryer
Gleaner F Combine

NEW HOLLAND MANURE SPREADERS

NEW TRACTORS
AC 7045
AC 5050
AC 7010

BHM FARM EQUIPMENT INC.
RD1, Annville, PA
717-867-2211



NEW TRACTORS
F1086
F140, special price
Int 584 w/2250 loader, special price
Int 584 row crop
Int 284, 4 wheel drive
Int 284, gas & diesel
Cub 184 Lowboy
IH 284 w/rotary mower demo.

USED TRACTORS
Cub 185 Lo... mower & snowb... SOLD

NEW EQUIPMENT
4140 skid loader
2250 loaders, special price
#55 7' chisel plow, $1350
IH 530, 550 manure spreaders
510 plow 5' 18" $3500
720 plow 5' 18"
350 disc harrow 10' 3"

USED EQUIPMENT
Used 512 NH spreader
510 plow 5 bottom, 16", $1500

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

MF
SPERRY NEW HOLLAND

NEW EQUIPMENT SPRING SPECIALS CALLS FOR PRICES
MF 520 10' Disk
MF 620 12' Disk
MF 730 10' Offset Disk
MF 440 4R Cultivator
MF 259 Field Cultivator
MF 640 4R Corn Planter
MF 33 Grain & Fert. Drill
MF 2705 Tractor, 24 spd., 23.1x34 tires (Demo)
NH TR70 Combine w/Cat Dsl., 6R C.H. 15' Grain Table (Demo)
NH 1495 SP Haybine, gas engine w/cab (old price)

USED EQUIPMENT
MF 1105 tractor, 620 hrs.
MF 245 diesel tractor
MF 35 tractor, gas
IH 350 tractor
IH #450 gas tractor w/fast hitch
NH 36 flail chopper
NH 469 haybine
2 PT10 Hesston mower conditioners
JD 9' haybine
NH 275 baler w/thrower
IH 47 baler
IH 37 baler w/thrower
MF 10 baler w/thrower
NH 67 baler
NH 717 forage harvester
AC forage harvester
IH forage harvester
NI 3 pt. rake
Papec blower
JD 16 hoe grain drill
IH 13 run drill
JD 17 run drill
MF 468 4 row planter
JD 6 ton running gear
Woods M5 rotary cutter
MF 110 manure spreader
Starline tank spreader
JD 4B-16" mtd. plow
MF 74 3B-16" plow
JD mtd. 8' disc
Pittsburgh 8' disc
MF 300 quick attach combine w/2 heads
MF 300 quick attach combine w/cab & 2 heads
Gehl 2600 Skid Steer Loader
Lilliston 7-six rotary cutter
MF 2R mtd. corn planter
IH 2R fast hitch corn planter
IH fast hitch 7' mower

MARLIN SCHREFFLER
Pitman, PA
717-648-1120

JOHN DEERE

JD 7000 regular corn planter, 6 row dry fertilizer with quick full attachment, insecticide, regular monitor $8000
JD 7000 regular corn planter, 6 row corn planter, 6 row dry fertilizer, insecticide and population monitor $7500
JD 494A corn planter, 4 row, dry fertilizer $895
JD 494A 4 row, dry fertilizer $495

FINCH SERVICES
Westminster, MD
301-848-7211

NEW EQUIPMENT
Call For Special Low Prices!...
AC 5050 Tractor, 51 hp, 220 hrs
AC 5050 Tractor, 51 hp
AC 7010 PS Tractor w/cab, air, 20.8x38 tires
AC 7060 PS Tractor w/cab and Air
AC 10' Mtd Chisel Plow
AC 8' Mtd. Chisel Plow
AC 5-Bot., 16" Plow, 2000 Series
AC 16½' Field Cult., with hyd fold
AC 2600 Fold Disc, 16'8"
AC 333 Corn Planter, no till & air units
Glenco 9 Tooth Soil Saver
NI 299 Mowditioner
(2) NI 106 Fert Spreaders, 690 Lbs
NI 116 Fert Spreader, 1380 Lbs
NI 743 Stripper Plate Head, 3 Row Wide

USED EQUIPMENT
AC 7040 PS Tractor w/cab & air
AC D15 Tractor
AC 720 Tractor, 20 hp w/front end loader & backhoe
AC 600 6R Cornplanter w/no till fert attach., plate units
IH 400 Cyclo, 4R cornplanter w/fert & insect
IH 450 Gas Tractor
NI 279 9' Cutditioner
Gehl 800 Recutter
JD 38 Harvester w/PU & 2R Wide head
NH 770 Harvester, 2 row wide
Lamco 14' Forage Wagon

USED COMBINES, UNITS & CORNHEADS
AC KKS Gleaner w/10' Head & 330 Cornhead
AC A Gleaner w/10' Grainhead
AC C Gleaner w/440 Cornhead
IH 315 w/13' Grainhead and 2 row Cornhead
MH 82 SP w/10' Header
MH 80 w/12' Header
AC A 430 Gleaner Corn head
AC E 330 Gleaner Corn head
AC F 330 Gleaner Corn head
(2) MF QT 24 Cornheads
NI 702 Uni-Tractor
NI 727 Uni-Husker
NI 723 Uni-Stripper Head (2 row)
NI 729 Uni-Sheller
NI 726 Uni-Husker

ALLIS-CHALMERS
NEW IDEA FARM EQUIPMENT

ITCO
Dealer for ITCO Corp.
• Over 9,000 items At Discount Prices

SHARTLESVILLE FARM SERVICE
RD 1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop

FARM EQUIPMENT

Hough gas wheel loader, 2 wheel drive, $4500.
DENNIS M. MILLER EQUIPMENT
Rt 22 Grantville, PA
717 838-1888 anytime
717-469-0937 daily

FARM EQUIPMENT

For Sale - Massey Ferguson 510 combine, gas, 14' grain head, reconditioned & ready to go, good second machine, must sell, make offer Ph 717-637-9288 Adams Co

FARM EQUIPMENT

Late model rolled 510 MF QT combine for parts, $1200, less engine Also 410 MF QT combine with cab, 13' grain & 4 row corn head, must see to appreciate, $8250 6 cyl, 230 cu In Chrysler Ind engine A 1 cond, $250 Frederick Co, MD 301-293-2577

FARM EQUIPMENT

For Sale Depth bands for JD 8250 or 8350 drill good condition 215-489 7831

For Sale - 354 NH grinder mixer, storm front carriage, both in good condition, C L. Esh, Rd 1, Box 181, Newburg, PA 17240

FARM EQUIPMENT

IH 4R planter, 18' spring tooth, 14' disc, 12' Ezee flow, 77 Oliver, MF 1130 DL Machinery Guaranteed, Trenton, NJ 609 259-2802

FARM EQUIPMENT

For Sale - NH 880 harvester with corn & grass heads, excellent condition, Sch Co 717-943 2401

SPRING SPECIALS...

Amco 10'6" Wheel Carrier Disk $4475
Soil Master 7 Tooth Chisel Plow $4825
8 Ton Elec. Wagon Gear.... $575
Farmall Cub 42" Mower... $1700

Coming In...20 HP Wheel Horse - Excellent Condition

MARTIN HARDWARE & EQUIPMENT CO.
1½ M. south of Schaefferstown, Pa. on Rt. 501
Phone 717-949-6817

NEW LEADER Lime & Fertilizer Spreaders

HI-WAY Cinder Spreaders - All Types

FRINK & VALK Snow Plows

ANVILLE BODY CO.

P.O. Box 217, R.D. #3
Annville, Pa. 17003
Phone 717-867-4631

TRACTOR & COMBINE PARTS

We Ship anywhere

CROSS TRACTOR SALVAGE
Rt. 3,
Lamar, Mo 64759
Toll free 1-800-641-4734

TRACTOR & ENGINE REPAIRS

Complete Engine Rebuilding
Used & Rebuilt AC and Wisconsin Power Units

SPRING GARDEN REPAIR SHOP
Joe S. Stoltzfus
RD #1 Kinzer, Pa 17535

New Equipment

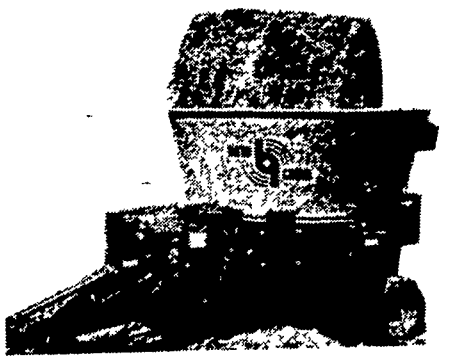
Tag		List	Cash & Carry
1159	H Lely Broadcaster	$1010	$ 895
1224	GL10 Lely Gemini Hay saver	2217	1800
1829	8 ton wagon chasses w/telescoping tongue		595
	Jet Hoist for pickup truck only	1095	695
1252	519 NH box type manure spreader	4458	3807

Used Equipment

1579	282 NH baler	2950	2150
1852	Cub tractor	2000	1850
1575	LA JD tractor w/ plows & culti.	1800	1600
1063	TO20 Ferguson tractor	1800	1500
1820	2000 Ford tractor w/loader	4500	4150

EDWARDS FARM EQUIPMENT
Ford Tractors Equipment
291 W. Moorestown Road,
Route 512 At Clearfield,
Nazareth, Pa. 18064
Phone 1 (215) 759-0240

ROTO-GRIND

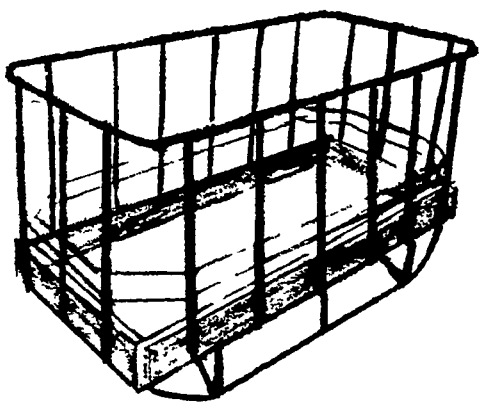


The ROTO-GRIND has been tested from coast to coast and is now designed for the HIGH MOISTURE conditions of the East.

- **VERSATILITY**
  - Grinds roughages
  - Round bales
  - Square bales
  - Shelled corns
  - Ear corn
  - Small grains
- **SIMPLICITY**
  - No gear boxes
  - No drive bells
- **DURABILITY**
  - All welded construction on frame and tub.

RED WING FARMS
R.D. 1378, Fleetwood, Pa.
(215) 944-0791
Demonstrator Available

STEEL HAY RACKS

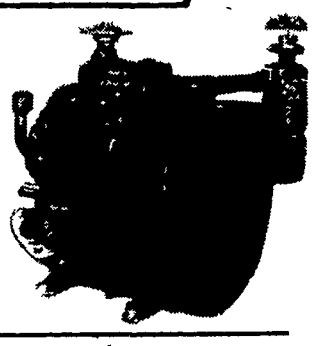


¾" steel pipe frame
2"x10" wolmanized lumber for trough sides
¾" exterior wolmanized plywood bottom
easily movable on steel runners
Choice of red or green
$190 delivered inside 10 miles, $180 at shop

JACOB R. FISHER "WELDING"
3761 Ridge Rd., Rd 1
Gordonville, PA 17529
Information and answering service 717-768-3571

WISCONSIN ENGINES

★ Sales And Service



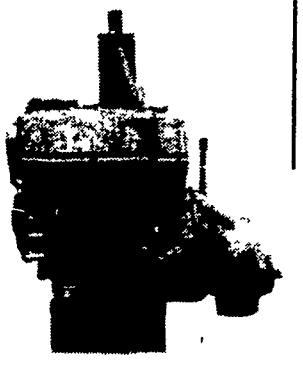
AVCO VM Diesel

1-2-3-4-6 CYLINDERS FROM 20 TO 300 HP

★ Adaptable to most applications with or without clutch reduction

Model H.R. 292: $2275
With Clutch Reduction, 27 H.P.: $2750

★ Will Install In Skid Loaders, Balers, Forage Harvesters, Etc.



USED EQUIPMENT

NI 323 Cornpicker	$2800
Super M, like new tires, nice	1550
930 Case tractor	4100
AC D19 tractor, nice	3200
Cub w/mower, nice	1995
400 Farmall, FH	1600
NI Wheel Rake, good	750
Nicholson Hay Tedder	700
Portable Welder2 cyl. engine	750
NH 402 & 404 Crimpers	350 up
NI Hay Crimpers	from 250 up
NH 268 baler	1650
NH 273 baler	1950
NH 455 trailer mower	650
JD rotary mower	575
Grimm hay tedder ground drive	850
272 NI cut conditioner	1850
270 NI Cut-ditioner	1250
10 ft. International Fertilizer Spreader, Ex	475
GB600 Gehl Harvester w/2 row narrow head	1450
2 Row 56 Planter	795
JD 24 KBA Disk	375

First with a better way.

HESSTON FARM EQUIPMENT

HESSTON FARM EQUIPMENT

HESSTON 1091 WINDROWER $5495
ONE ONLY!
Less Rebate -200
SPECIAL $5295

SALES & SERVICE

MILLER'S REPAIR

1 Mile North of Bird-in-Hand
8 Miles East of Lancaster
RD1, Bird-in-Hand, PA PH: 717-656-9013

JOHN DEERE — Nothing runs like a Deere

THIS WEEK'S SPECIAL ON NEW MACHINERY

	List	Sale
JD 2440	$19,061	$14,800
JD 1209 Mower Conditioner	7562	5500
JD 1207 Mower Conditioner	6200	4500
JD 567 Rake	1846	1500
JD 680 Spreader	9875	7300
JD 506	935	735
JD 225 Offset Disc	5348	4250
JD 1250 Plow 3-16"	2010	1650
JD 2600 Plow 4-18"	7800	6300
JD 445 RH Flail Spreader	4657	3600

Waiver of Finance Till Oct. 1 On Most Hay Equipment

SPECIALS ON USED EQUIPMENT

		Just Came In
JD 4000 tractor		
JD 530 tractor	2900	2500
JD H w/cultivators	750	650
Ford 8N, mint cond	2800	2500
JD 336 baler w/3ejector	4600	4200
JD 7000 planter, 4RW	6000	5500
JD 7000 Maxi Merge	6500	5600
JD 494A	900	700
AC no-till 6RN	3500	2400
AC 600 4RW no-till	3000	2800
IHC 2 row planter	750	500
IHC 6RN cyclo	3500	2500
White 5400 plateless planter, 6RN, 2 yr old	6600	6000
Plow for cub Lowboy	395	375
MF disc, 12'	2000	1900
JD 790 Spreader	2500	2000
JD R Spreader	475	400
NH 460 haybine	1450	1000
JD 640 rake	1200	1000
Transport disc	1250	995

NO TRADE ON SALE PRICES

JOHN DEERE

AUKER-ENA EQUIPMENT, INC.
Oakland Mills, PA 17067
717-463-3511 436-2235

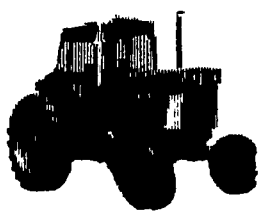
TRACTORS

Ford 8000 w/dual wheels
Ford 7700 Dual Power
Ford 5000 D 8 Speed
Ford 2600D w/Loader
Ford 2600 Gas, Power Steering
Ford 4000 w/Loader
Ford NAA w/Loader
Ford 8N w/mower
Ford 3400G w/Loader
IH 666 D WFE
IH 560 w/3 pt.
IH 504 G, 3 pt.
IH 330 w/fast hitch
IH 300 Loader/Backhoe
IH Cub w/mower
AC 5040
AC 160D
AC D17 3 pt.
Case 1740 D uniloader
Case 830 CK
MF 2135 w/Loader
MF 135
MF 65 G, PS
MF 35 Live PTO
Satoh 650 w/loader
Satoh 650 w/blade

EQUIPMENT

JD 95 bu. Spreader
Ford 4B 3 pt. Plow
AC 4B Plow
Ford 309 Corn Planter
Ford 532 Baler
Ford 3 pt. Rake
Bushog 12' Disk
JD 7' Flail Mower
Ford 501 Mower

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046



NEW EQUIPMENT

IH 686 tractor, $14,800
IH 770 disc demo, 10' $4500
IH 435 baler w/thrower $6995

USED EQUIPMENT

AC gleaner combine model CII 14' grain & 4 row corn head $8500
IH 815 combine $13,000
IH 574 diesel utility
IH 574 gas SOLD completely reconditioned $6500
IH 544 gas hydro
Fenders for IH 856
Farmall M $1450
IH 706 gas $5500
Case 430 diesel
154 Lowboy A-1 condition $2995.
IH 400 cyclo planter
IH 455 plaSOLD
Oliver 5F 16" plow $1150
IH 430 baler w/thrower $1600
JD 24T baSOLD
IH 35 rake $1300
IH 37 disc $1200
NI 319 picker/sheller bed
IH 234 corn picker, $2100
IH 844 corn head $4000
IH 843 corn head, like new $6700
NI manure spreader $750
72" Woods under mount mower $750
IH 990 mower conditioner, $1975
IH 234 sheller attachment $1325
IH 1150 grinder mixer
425 Artsway grinder mixer $2200
IH 2000 loader
JD flail chopper $600.
IH 550 forage harvester hay & corn head
NH 717 forage SOLDvester $1400
Gehl forage wagon w/roof $2200
Century Sprayer $650

Welsh Sprayers

200 gal. trailer model $1050

DOMBACH EQUIPMENT
McAlisterville, Pa.
717-463-2191

FARM EQUIPMENT

USED FARM EQUIPMENT
— EXCELLENT CONDITION —

IH 1440 Combine w/ 843 Corn Head (Used two seasons)
IH Cyclo 400 Planter 8 row w/monitor
Krause Rock-Flex Disc 21' w/ hydraulic lifts (Used one season)
IH 1066 Turbo Tractor

For further information contact

LAURIE RATH
RATH FARMS
151 Beacon Road
Renfrew, PA 16053
412-586-7320 Days

USED EQUIPMENT

TRACTORS:

IH 1566 D., Cab & Air, 30.5x32 tires, new TA, real Nice - $23,000!
IH 1066 D, Cab & Air, Engine Overhauled, New Clutch - $16,500
JD 4520, 20.8x38 Radials, No Cab $13,500
IH 706 Gas, Eng. Overhauled, New Paint - $5,950
IH 560 Gas w/Wide Front, FH - Nice!
IH 560 Gas, 450 Gas, 400 Gas, 300 Gas
185 Lo Boy w. Mower, Real Nice!
185 Lo Boy w. 3 pt. Hitch Mower, Real Nice!
MF 165 Diesel
MF 65 Diesel w/Loader
JD 1010 Gas w/Tricycle Front End

TILLAGE:

IH 475 SOLD ding Disc Harrow, Good Cond.
IH 475 13'5 Disc Harrow
IH 770 12' Offset Disc, Like New
Bush Hog 18' Folding Disc
Pittsburg 12' Disc
Oliver 251 9' Disc, Real Nice
IH 370, 350, 37, 35 In Various Sizes
IH 55 11 ft. Trail SOLD
MF 520 18' Folding Disc Harrow
JD 12' 3-Rank Chisel

PLANTERS:

4 & 6 Row Cyclos, Field Ready!
JD FBB 17x7 Comb. Single Discs, Good Shape!
JD 494-A, DD, 4-Row Planter
IH No. 10 13x7 Plain Drill
IH No. 10 16x7 Single Disc, Comb., Hyd. Lift
IH No. 10 16x7 Single Disc, Comb.
Oliver 24x6 Combination Drill
Oliver 17x7 Combination Drill
IH 461 4-Row 36" Cult., Front Mtd.

COMBINES:
WAIVER TILL 9/1/81

IH 915 6-Row Head, Low Hrs.
810 15' Floating Cutting Bar
810 13' Floating Cutting Bar
810 15' Stand Cutting Bar
IH 403 w. 4-Row Wide Head
IH 315, 2-Row Wide Head
IH 205 2-Row Wide Head

ERB & HENRY EQUIP., INC.
New Berlinville, PA 19545
Ph: (215) 367-2169
Daily 7-5
Fri. 7-9, Sat. 7-4

FARM EQUIPMENT

NEW TRACTORS

2-JD 850, 2 wheel drive ea.$5000
1-JD 950, 2 wheel drive $5800

NEW MACHINERY

1 - Century 300 gal sprayer $1700
1 - JD 660 Spreader
2 - JD 680 Spreaders
JD 2420 Windrower Diesel
JD 1380 Mower Conditioner
JD 1207 Mower Conditioner $4800
JD 1209 Mower Conditioner $5400
JD 950 12' Roller Harrow $4100
JD 950 15' Roller Harrow $5100
Several model 2600 & 2800 plows, 3 bottom, 4 bottom & 5 bottom, 16" & 18"

USED MACHINERY

IHC 100 Hydro Tractor '1974, motor overhauled & hydro $15,000
1976 MF 750 combine with 14' grain head and 44 corn head motor has been overhauled $30,000
JD 343 Corn Head $2500
JD 2R 71 Flexi-Planter $800
JD 7000 Planter, 6-row narrow $7995
IHC 400 4R Planter $3500
IHC 400 6R Planter $3500
NH 271 Baler $975
Oliver 520 Baler & Thrower $975
1-V802 Lely Roterra $2000
IHC 470 20' Fold Disk Harrow $2000

WALTER'S SALES AND SERVICE
RD 2 Mifflinburg, Pa.
717-966-3778

JD Agricultural Dealer and CP

JOHN DEERE *Nothing runs like a Deere*

THIS WEEK'S SPECIAL
JOHN DEERE 7000 NO-TILL CORN PLANTER

USED FARM EQUIPMENT

IHC 656 Dsl Tractor
Farmall M Tractor
Fox 2R Forage Harvester
JD 215 Grain Platform, like new
NH 880 R2 Head
NH Grain Dryer
JD 3300 Combine
Oliver Side Rake
NI Side Rake
JD Side Rake
JD 16A Flail Chopper
NH 1010 Auto Bale Wagon
JD 214T Baler w/#30 ejector
JD 14T Baler
JD 336 Baler
JD 24T Baler w/#30 Ejector
NH 271 & 269 Balers w/Throwers
IH Hay Crimper
OMC 9' Mower Conditioner
Bradley Elevator
50' Bale Elevator
McCurdy Gravity Box w/JD running gear and flotation tires
JD 707 4-Row Rotary Mower
NH 469 Haybines
15 HP 3 phase elec Motor
JD 7000 No-Till Pltr
JD 1240 Corn Planter
JD 1260 Corn Planter
JD 494A Corn Planter
1970 Ford 1 Ton Stake

FREE FINANCE on JD Hay and Forage Equipment, also NH Hay and Forage Equipment.

NEW FARM EQUIPMENT

JD 4440 Tractor, QR & SR
JD 4040 Tractor
JD 2940 Tractor
JD 2940 w/MF WD
JD 1050 Tractor
JD 950 Tractor
JD 300 Husker
JD 7000 Consv Planter 4 Row
JD 1209 Mower Conditioner
NH 38 Flail Chopper
JD 2600 & 2700 4B Plows
JD 1600 Chisel Plow
NH 718 Fg Harvester
NH 892 Fg Harvester w/Metal Detector
JD 3940 & 3960 Fg Harvester
JD 336 & 337 Balers
NH 315 & 320 Balers
JD 2420 Sp 12' Dsl Mower Conditioner
NH 1495 SP, 489 & 495 Haybines
JD 210, 215, & 235 Disc Harrows
JD 336 Lever Harrows
Bobcat Skid Steer Loaders 530, 632 & 731
NH 679 Spreader
JD 381 & 392 Spin Spreaders
Martin Manure Spreader V Type & Scavenger
JD 335 Skid Sprayer
JD 66 Blower
JD 567 Wheel Rake
Most Model JD Loaders & Blades

CLUGSTON IMPLEMENT, Inc.
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat SPERRY NEW HOLLAND

FARM EQUIPMENT

TRACTORS & EQUIP. JUST TRADED FOR: Farmall 1086 C.A. 20x38 tires, 3 hydrl. 100 hrs., like new; Farmall 856 D real nice; Farmall 560 D WF, Used JD 2940 w/front wheel drive and cab used 350 hrs.; used JD 640 w/cab and 300 hrs. both purchased new in 1980, like new; JD 4010 tri D; White 2-105 w/roll guard, ACXT190 real nice; used JD 4 row conservation planter w/liquid Fert.; 3 new and used Bush Hog Chisel plows 9 & 11 ft. all w/gauge wheels; JD #350 4x16 reset plow like new; IHC 710 5x18 reset, JD 7000 six row planter w/Inst. & monitor real nice; New JD 4440, C.A. Q.R.; (SOLD) used 4430 w/sound guard, cab, Q.R. $16,500.00; Used JD 2640 fully eq. Haybines - N.H. 489, 479, 469; Used NH 256 rake; New JD 336 (SOLD) Baler w/thrower; used JD 346 Baler w/thrower; corn heads; Int. 863 Gleaner A430, K330, JD 443; Gleaner K Combine w/cab and grain head real sharp; NI 702 Uni Diesel w/combine and 10 ft. grain.

NEW FARMALLS: 1086 C.A. 18x38 tires, dual hydrl. for $27,900. New 886 C.A. for $22,900, New JD 4240 w/Roll Guard & Q.R. $23,900; New 4040 Power Shift; 4020 w/Diff. Lock; 4430 C.A. QR., JD 3020 side console W.F. diff. lock, dual hydraulic; JD 1530 Diesels w/Hi & Lo shift; 2020, 1520, 730D, 720D, Used Farmall 886 w/R.G. real nice, like new, Farmall 706 gas original; New Case 2090 Cab & Air, power shift $23,950; 1977 Case 1070 power shift w/cab enclosure real nice, 1975 Case 970 w/4 post, P.S., MF 1135, Farmall 1066 w/red cab, Farmall 706 w/ 310 diesel, Farmall 706D W.F., original, 560 tri D. F.H., Farmall 560D w/2000 loader, Farmall 504 Utility gas w/ 3 pt., 1970 JD 4020 W.F., 1968 JD 4020 W.F.

M.M. Vistar 1000 w/cab and air and dual wheels, (New Gehl 1090) = 9 ft. haybines - below dealers net = our price $4450.00

New JD 1207 Haybine (SOLD.

COMBINES 1976 JD 6600D rotary screen w/13 ft. grain pick up reel choice of corn heads, 1976 Int. 715 diesel C.A. 23" tires 810 w/grain and 844 C.H.

Just traded Gleaner K w/cab, grain and C.H. Gleaner G diesel w/cab and grain. 1973 John Deere 6600 diesel w/2 heads (clean), JD 4400D w/air & both heads, Oliver 25 w/cab.

MF 760 diesel hydra with grain and 6 row corn head. MF 300 combine w/cab and grain, Int. 82 Pull Type (clean). Gleaner F w/2 heads. Late model Int. 303 w/cab.

JD 7700 D w/grain & corn head, Gleaner K w/cab, 10 ft. grain, K240 corn head MF 510D Quick Tach w/both heads.

Corn Heads JD 643, 444, JD 443, 343, 344, 244, 435N for 95, 335, and 313 for 55C, 334, 235, Massey Ferguson 44, 63, 43, 24, 222, 422, Gleaner G435 L438, 430, F440, F438, A430, E240, K238, F335, F330, K330 Int. 863, 844, 843, 744, 743, 227, NI 4-row 40" heads, Case 3 row 30", Case 4 row 40". Gleaner M630, Int. 6 row, 30" for 503, new JD 444 corn heads, NH 4 row 38" C.H. New MF 44 C.H. (SOLD). (Skid Loaders) Bobcat 720.

TRACTORS JD 6030 C.A. Duals, real sharp; JD 6030 cab and duals, fair; 1970-4020 WF; JD 4230 w/R.G., Farmall used 986 cab and air, 1566 cab and air w/new T.A., Farmall 544 gas W.F.

Used Farmall 706D WF & 3 pt.; AC D17 IV w/3 pt.; New NI 324 picker w/super sheller; JD 7000 4-row planter w/no-til attch.

CORN PICKERS - (new) N.I. 324 w/12 roll bed; New New Idea 325 w/12 roll bed, Used (3) N.I. 324 w/12 roll bed, NI 325 N w/12 roll bed & 8 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. JD 300 Husker w/244 corn head. Int. 234 w/12 roll bed.

John Deere 8630-4 Wh. Drive w/3 pt. PTO & Dual Wheels, real nice, also AC #2600 - 28 ft. Hyd. wing disk, like new, J.D. 7520 w/3 pt. & Dual Wheels, 1972 JD 4020 w/dual hydr.

(Tractors w/Loaders), JD 4020 w/58 Loader, Int. 606 (SOLD) w/2000 L, Farmall 1206 w/cab, AC D17 D, W.F.

Case 930 CK w/5X Plow.

Just Received New J.D. 2940 w/front wheel drive, New JD 4440 cab, air, power shift, JD 4000 diesel

J.D. 4010 gas, JD 4430 C.A. QR, New White 2-105 w/cab; 1970 JD 4020 w/roll guard; JD 4320 w/cab, 2- JD 1970 4020 w/dual hyd., 1970 JD 4020 Power Shift & Dual Hyd., Farmall 806 diesel, 856 - nice.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., used 686 w/cab & air, 1566 w/cab, 766 D; 1466 w/cab.

Tractors & Eq. - Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Gleaner E Combine w/cab, grain and corn head; Farmall 1206, A.C. 210D, w/new 20:8-38 tires, 460 Gas w/F.H. Farmall 756 gas. 560, 856 w/front wheel drive, Farmall Hi Crop- 656 diesel, 756, 300.

HARVESTERS. (New) Gehl 700 fully eq. w/2 row corn & pick up priced under dealers cost. New Holland 770 w/2 row, Fox Super 2000 w/2 row narrow & elec. sharpener. J.D. 38 Chopper w/2 row, JD 3800 w/2RN C.H., NI 702 Uni gas w/chopper & corn head $5,900.00. NH S717 - 1 row, NI 3 row, Fox 2 row 30", Fox 3 row 30", Int. 2 row 30" for 650.

JOHN DEERE Used JD 4030, 4520 w/triple Hyrd., 5020 tractor puller, 1968 4020 power shift, JD 3020 gas; JD 4010D w/W.F. 630 w/3 pt., 60 w/p.s.

FARMALLS: 1586 w/cab fully eq. w/duals, used 400 hrs. like new, 966 black stripe w/roll guard, 856 w/3 pt. and 38" tires, 1206, Farmall 656 Diesel & 656 gas 1466 w/cab, 766, 1456, 806, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice.

MASSEY FERGUSON new 1105 w/cab, & 20:8-38 tires for $19,500. MF 2805 used 600 hrs. w/dual wheels, 1130D, M.F. 135, Super 90D, MF 235 (SOLD.

Case 970 w/P.S. 970 w/4 post roll guard, 1070 power shift, 1030 needs motor overhaul, Oliver 1950T w/cab, 2050, 1855 w/20:8 tires 1750D, Ford 9600 w/dual power and dual wheels, Farmall 504 W.F.

ALLIS CHALMERS 7040 w/cab, power shift like new $19,500, 220, 210, AC 180D, MM S670 diesel V302.

COMBINES - JD 7700 Diesel w/Fire Damaged cab. MF 510 D w/fire damage, Gleaner CII diesel w/4 row corn head, NI 702D w/rebuilt engine. 702, NI Super chopper, new 3 row 30" corn head, N.I. Demo 768 WN 3 row head, N.I. 702 Uni tractors w/combines & shellers, 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads, used M.F. grain heads

Hay Equip. Specials.

BALERS - NH 320 w/thrower like new, Used 277 w/thrower, JD 346 Baler w/thrower.

New Haybines at Discount Prices. - New Owatonna 9' for $3975, new Gehl 1090, NI 279 Cut/ditioner used on 40 acres for $2750. (New) NI 299 Haybine for $4250.00. Vermeer round baler

IND. EQUIPMENT - Int. 510 4 whl. drive payloader used 500 hrs. like new. Case 480B loader and backhoe, Case 580 L & B, D8 Cat w/blade, Cat 955 crawler loader, Case 850 D dozer w/hyrdl. blade, Michigan 55B Diesel Payloader.

CORN PLANTERS - New JD 6 row conservation planters.

New & Used 7000 JD 4 row w/Inst. Used JD 7000 6 row w/dry fert. and inst., used, JD 1240 Plateless w/Inst. and Double Disk Openers; , N.H. 355 Grinder Mixer, like new, Int. 1050 Grinder-Mixer, Kools recutter blower, Brady (SOLD) bean cooker, Used JD 8300-21x7 double disc grain drill, new NH 28 blower; new NH 25 blower; new NH 256 rake; new NI rake, w/front wheel; new Rhino 6' blades.

Int. 6 row front cult.; JD 220 hydraulic fold wing disk; 3 JD 4 row cult., White 252 wing disk.

(New) NH 310 Baler (wrecked).

New Int. 400 - 4 row cycloplanter for (SOLD) $2900, used 56 4 row w/Double Disk Openers.

Used Int. 400-6 row cyclo w/Inst. and Monitor for $1800; new Case 6 row 3 pt. hydr. fold field cult., (4 offset Disks) J.D. #360 12 ft., Wilbeck 12' offset like new, Miller 14 ft. offset. JD Disks #210.

NH 1010 Bale Wagon.

Int. #700 six X auto reset, New Bush Hog 12 ft. pull type chisel plow. J.D. #1600 - 16 ft. pull chisel plow. JD, Int, & Oliver 4,5,6,7 trip and resets. JD 3 & 4 3 pt. plows, New Glencoe SS7 Soil Saver with culti-lift harrow for $4950, Brillion cultimulcher w/inside wheels, New White 14 ft. field cult., Kawanee 22 ft. wing disk.

LOADERS - Int. 2350 JD used 58, MF loader for 1105, Int. Fast hitch 3 pt. adapters, 3 pt. hitch for 630 and 730 JD tractor.

TRUCKS - 1980 Silverado Chevy diesel w/every option on, 1971 Ford - ¾ ton pickup, 1976 Chev C65 w/6300 miles w/14 ft. flat, like new; 1977 Delta 44 ft. Combine trailer, (New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 8 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, Direct cut head JD 3800 & 38. JD 3 row narrow silage head. (20) sets of dual wheels all sizes.

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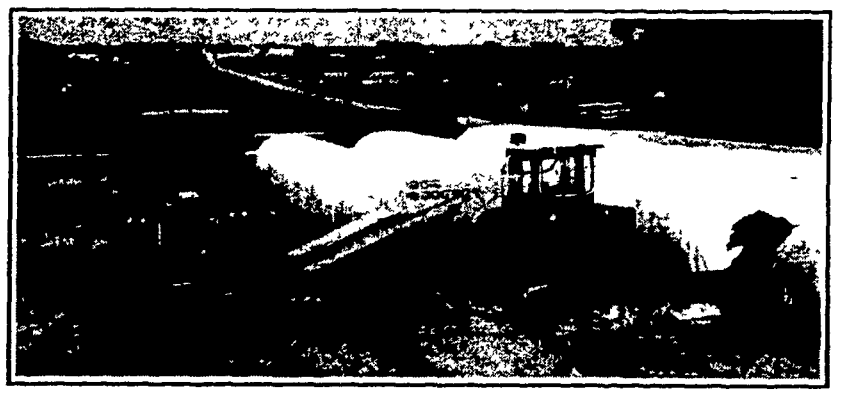

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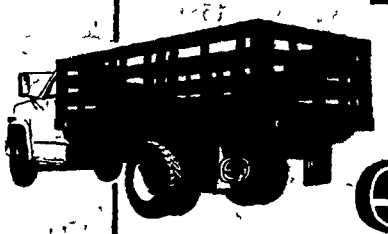

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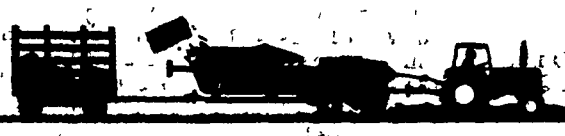

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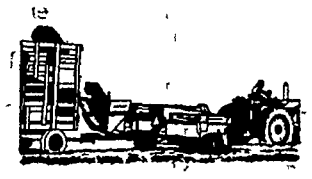

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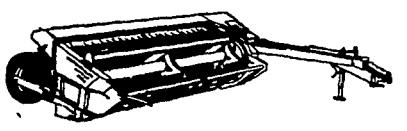

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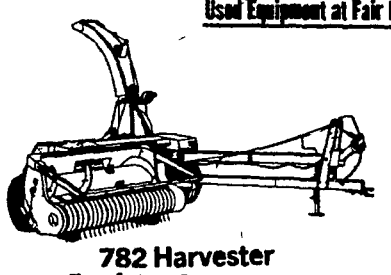

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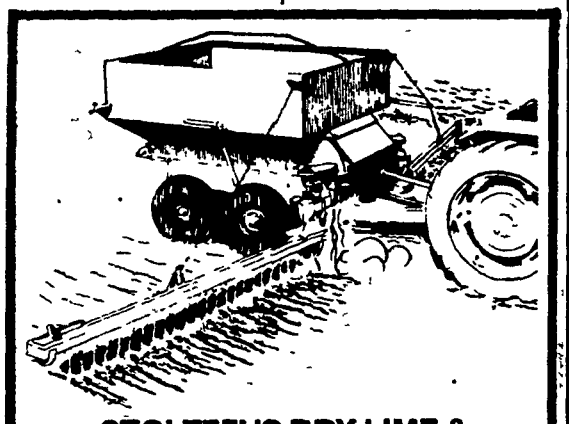

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Gehl FB88 forage blower	$575
IH 990 9' mower cond.	$2250
IH 225 10' hay swather	$3650
IH #10 bale thrower	$650
Pincor alternator with trailer	$1495
NI forage wagon	$1450
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IH 715 gas combine w/cab, 13' plat., 743 4x30 cornhead	$17,500
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Gehl 72 flail chopper	$1250
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JD 105 Combine w/platform and corn head
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JD 24T Baler w/ejector
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- NI 310 1-Row Cornpicker
- Int Mtd. Picker, 2 Row
- MF No 61 1-Row Picker
- JD No. 25 Harvester
- Case 300 Harvester
- Case V-12 Shredder
- NI 2 Row Narrow Pull Picker
- Hesston 2000-100 Harvester
- NI Forage Blower
- MF Chopper
- MC Chopper
- JD Chopper

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AC 780 2 row

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16' Dion wagon on new Gehl 10 ton running gear
16' Dion Wagon on used running gear
JD 12' Packer
Brillion 10' Sprocket Packer
18' Brady Tine Harrow
NI #44 Hay Rake
2-NI #404 Wheel Rakes
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AC Model A Gleaner 12' Combine

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IH 275 Tandem Axle Spreader
NI 214-217 206 bu. sgl. btr spreader with top btr. (steer spreader)

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Long 60" 3 pt. rotary lawn mower
3 Ford 9600, 1 w/cab
Ford 9000
Ford 8600
4 Ford 5000, 1 w/cab
Ford 4500 backhoe
2 Ford 4000, 1967, 1963
5 Ford 3000
Ford 2000
Ford 971
Ford 861 SOLD

Roadless 95 4WD
2 IH 1066 w/cab
3 JD 4020
JD 4010
5 JD 3120, 2 w/cab
JD 2130
8 2120 2 w/cab
JD 2030
3 JD 2020
Used JD cabs for 1020, 2020, 2030
2 JD 1120
D2 Cat crawler
Jaegar irrigation pump
MF 175
Ford F100 P U. 1973

¼ Mile East of Exit 6 I-81

7700 FORD DEMO

Current List Price as Equipped $29,634.00
Demo Discount $7996.00

SALE PRICE $21638.00

PLUS: $1000 FORD REBATE or Interest FREE Financing till September 1, 1981

FORD MODEL 618 FORAGE BLOWER
List Price $1836.00
Discount $275.00

SALE PRICE $1561.00

Ford Tractors Equipment

LANCASTER FORD TRACTOR, INC.

THE HOME OF THE RELIABLES
1655 Rohrerstown Road, Lancaster, PA
Flory Mill Exit off Route 283
Phone: 717-569-7063

PARTS VALUE OF THE MONTH

GET MOWER FOR YOUR MONEY!

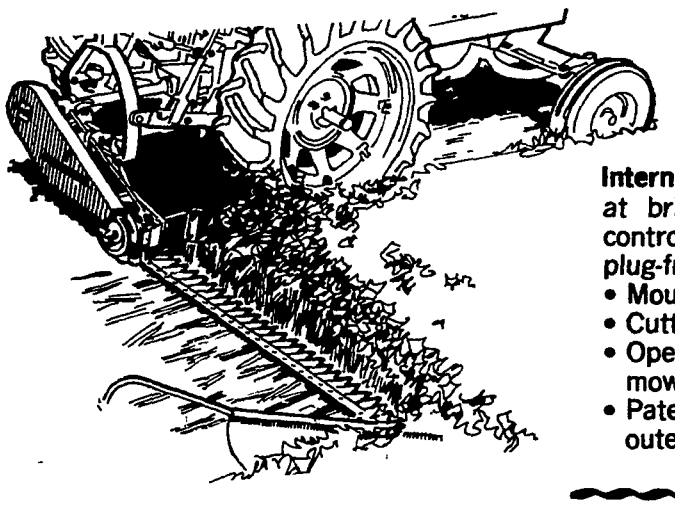
Here's a super-sharp deal for you. Right now, we have special low prices on quality International Harvester mowing parts. You'll save up to 20% off regular IH suggested list prices on guards and sections. And you'll make big savings on ledger plates, cutterbars — everything you need for crisp, clean cutting and schedule-beating performance. Come in...stock up. Get set to mow and put a slice of the saving action in your pocket at the same time.

STOCK UP NOW AND SAVE!

IH HAY & FORAGE EQUIP. HEADQUARTERS

Your Choice For Mowing...

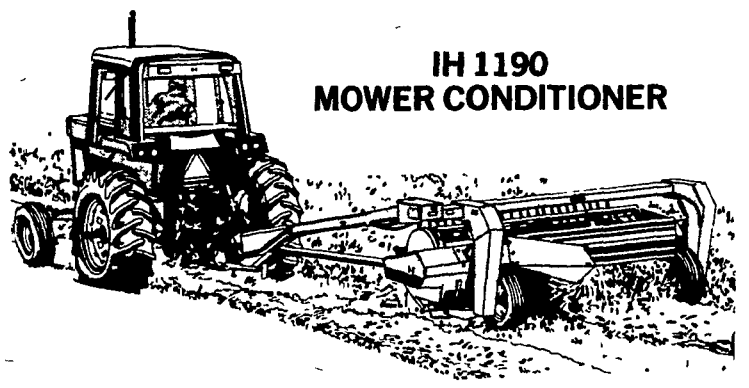
Conventional Cutter Bar Or Mower Conditioner!



Smooth, Fast... And Plug-Free!

International Balanced Head Mowers glide through crops at brisk speeds. Their short, powerful strokes, plus controlled cutterbar vibration, assures clean, smooth, plug-free mowing. Make your choice today.

- Mounted or trailing models, 7 or 9-ft. cutterbars.
- Cutterbar automatic breakaway protection.
- Operates above and below horizontal for all-terrain mowing.
- Patented triplet end knife section stops plugging at outer shoe.



IH 1190 MOWER CONDITIONER

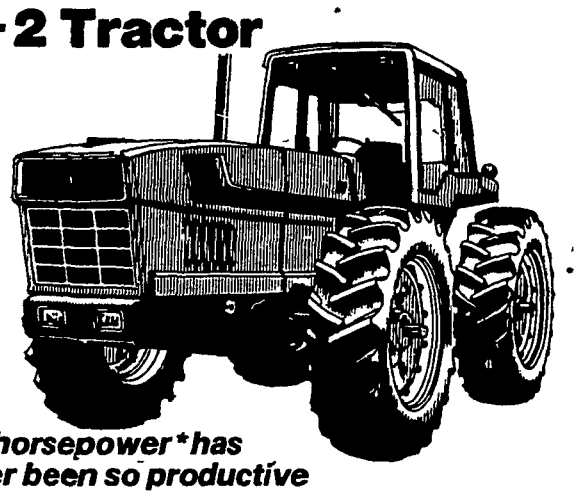
Preserves hay quality to maximize profits

- Two sizes: 7 and 9'
- Over-the-top frame suspension allows for header float, keeps crop pathway clear
- Rolls separate automatically when header is raised so you can clear slugs from your tractor
- Lever control lets you adjust the width of windrow or swath
- High-speed oil-bath knife drive gives you clean cutting, long life.

RENT or LEASE

A New

International® 3588 2+2 Tractor



150 horsepower has never been so productive*

A 4 Wheel Drive Tractor With These Advantages Of A Conventional 2 Wheel...

★ 3 POINT HITCH

★ INDEPENDENT P.T.O.

★ T.A. TRANSMISSION

★ ROW CROP CAPABILITIES

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USED EQUIPMENT

Tractors
Farmall M
Farmall Super H
F400w/2001 Loader
F544 Gas, w. 2000 Loader
IH F 560 Gas
IH F 450 D
IH F 460 D
IH F1086 D
IH Hydro 84 D
IH 184 Cub Lo-Boy
IH 185 Cub Lo-Boy
IH 85 Riding Mower
AC D15 w. Loader
Ford 3000
IH TD8 Crawler
Satoh 650 G
Oliver 1850

Forage Equipment
IH 16 Harvester w/2 Heads
IH 650 Harvester w/2 heads
IH 550 Harvester w/2 Heads
IH 50 w/PTO Drive
IH 2 Row Wide Row Crop Units
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD 38 Harvester
JD Flail Chopper
IH 5 Flail Chopper
AC 780 Harvester
Fox 546 Harvester
NH 717
NH 770 FH w. Cornhead
Gehl FB 82 Blower
IH 42 Blower
Kools Blower

Pickers
IH 234
IH 2 ME
IH 2 MHD
NI 2-Row Mounted

Compact Skid Loaders
IH 4125

Miscellaneous
Snow Blowers For Cadets
Sauder Loader
Tri Axle 10 Ton Trailer
IH 125 Cadet and Mower
IH 126 Cadet w. Mower
IH 175 Spreader
IH 550 Spreader
Little Giant Roll A Way Elevator
IH 2000 Loader
IH 2001 Loader For I 544
NI Spreader
Waldron Dozer Blade w/IH or JD Mountings
JD Post Hole Digger
Papec 870 Grinder Mixer
Century 500 Gal Sprayer

Plows
IH 311 mtd.
IH 550 5-Bottom
IH 450 3F Auto Reset
IH 531 3F
3F Trailing Plow
Ford 5F 18"
Fast Hitch 2 way
MF 5F 14" Mounted

Tillage
Howard S.T. 180 Rotovator
JD KW Disk Harrow
JD Model KBA Disk Harrow
Lely Power Harrow
MF 3 pt. Disk Harrow
Oliver Disk Harrow
Brillion 16 Ft. S.T. Harrow
AC 18' Field Cultivator
McConnel 20' Spring Tooth Narrow with Transport

Combines
IH 127
IH 403
IH 810 15' Grain Head
IH 227 Corn Head
IH 743 Corn Head
IH 843 Corn Head
IH 429 Corn Head on 403
JD 45
JD 40

Planters & Drills
JD 8300 Drill
IH 400 Cyclo 4 Row
IH 455 Planter
IH 449 Planter
IH 251, 2-row
MF 4 Row
Pittsburgh 4-Row 3-pt. Cultivator

Hay Machines
IH 47 w/thrower
IH 37 w/thrower
IH 241 Baler
IH 440 Baler w. Thrower
IH 10 Bale Thrower
IH 115 Mower
M.C. Rotary Scythe
Woods 306 Mower
Kubota 60" Mower
AC 303 Baler
Myers Hay Crusher
IH 46 Baler
MF 128T Baler
Hesston No 10 Stakhand
NI Mower
NH 269 Baler w Thrower

YOUR COMPLETE IH FARM EQUIPMENT DEALER

SWOPE & BASHORE, INC.

R.D. 1, MYERSTOWN, PA
Located 1 Mile S. of Int. 78 & 6 Miles N. of Myerstown
On Rt. 645 in Frystown
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PARTS DEPT. HOURS
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7 AM to 5 PM
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INTERNATIONAL® AGRICULTURAL EQUIPMENT

• UPS SERVICE AVAILABLE

FARM EQUIPMENT

case

1975 1370 Case Tractor, nice cond.
New Idea 213 Manure Spreader in Excellent "like new" Condition
Plus NI cut/ditioners & mow/ditioners, corn pickers and tractors in stock at Good Prices.

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Ask for Paul

Used Tractors
JD 4430
JD 4020, PS
JD 2640 w/146 loader, like new
JD 2020
JD B
3 pt. hitch for JD 520-630 tractors
JD 800 series 3 pt. hitch for JD 2 cyl. tractors

Tillage Equipment
JD 3x14 plow
JD F350 4x16
JD F145 5x16
JD 7x16 on land plow, $1295
RWA 32 blade disc

Planters
JD 1240 4 row plateless
JD 494A
JD 1250 6 RN
JD 7000 4 row
JD 1440 4 row, no-till

Hay Equipment
JD 485 mower cond.
NH 479 mower cond.
JD 22 hay crimper
JD 894 rakes
JD 336 baler, w/ejector
NH 320 baler w/thrower, like new
2 bale wagons, 1 like new

Harvesting Equipment
JD 3800 forage harvester
NI 324 2R pull type picker sheller, like new
JD 40 combine w/205 corn head, excellent
JD 45 combine w/corn head
3 JD 55 combines
JD 14' grain plat. for 3300 thru 7700 combines
NI forage wagon
JD 66 forage blower
GT 730 grain dryer

New Specials
Agro-Tech 300 gal. sprayer, $1425
JD 550 sprayer, $3195
JD 215 disc, $5095
JD 1610 10' chisel, $1995
JD 1710A mulch tiller, $6295
JD 506 rotary mower, $695
JD 1050 tractor, $7895

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John Deere Sales & Service
R.D. 2,
York, Pa. 17403
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White Model 5400 Air Planter, 6 Row, No Till With Liquid Fertilizer $3,400.00
I.H. Model 400, 6 Row, Fertilizer and Insecticide Units $3,300.00
I.H. Model 449 A Planter, 4 Row, Double Disk Openers, Fertilizer & Insecticide Units $600.00

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Store Hours:
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3000 Gallon
LIQUID SPREADER TANK UNDER $4000
and going down

EQUIPMENT FOR SALE OR LEASE
BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
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Grain Drill with band seeder
Also:
Registered Holstein Bulls

SHOW-EASE STALL CO.
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MF Massey Ferguson

NEW EQUIPMENT IN STOCK

NEW
MF 245 DLS Tractor, 8 SP
MF 255 DSL Tractor, 8 SP
MF 255 DSL Tractor, MP
MF 265 DSL Tractor, MP
MF 154/4 DSL Tractor
MF 184/4 DSL Tractor
MF 120 Baler
MF 124 Baler
MF 22 Bale Thrower
MF 25 Rake
MF 520 Disc
MF 43 Plow
MF 129 Chisel Plow, Mounted
MF 129 Chisel Plow, Pull Type
MF 640 Planter
MF 33 Grain & Fertilizer Drill
McConnell 16 ft. Transport Harrow
McConnell 16 ft. Cart Type Harrow
McConnell 20 ft. Transport Harrow
Glencoe Soil Saver

USED
MF 135 Gas Tractor
DB 1200 Deisel Tractor
MF 410 Combine w/43 Corn Head
MF 540 Diesel Combine
MF 750 Diesel Combine Used 2 Seasons w/ New Grain Table
MF 760 Diesel Combine w/16' Heads
Case 1160 Combine w/13' Grain Table
Bobcat Melrose 700 Skid Loader
NH L 775 Skid Loader
NH Balers
NH Haybines
NH L35 Skid Loader
AC WD 45 Tractor
Mathews Chopper

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Hamilton, Haybuster, Cat Parts, Conde, Husqvarna Saws, MF, Mathews, McDade, McConnell, Mitsubishi, NH, Pequea Hay Tedders, George Tenney, Todd, Turnco Gravity Wagons, Vicon, Wisconsin, Woods, J S Woodhouse

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(south on Rt. 42)

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BALDWIN ELECTRIC MOTOR DIVISION, INC.
REPAIR & REWIND - ALL BRANDS
AC & DC MOTORS
Call 717-354-5566
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Warehouse and Factory Service
½ hp. thru 10 hp. 1 ph.
½ hp. thru 100 hp 3 ph.
FARM DUTY MOTORS IN STOCK
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Used Tractors:
John Deere 4520, 4430, 4320 with Cab, 4320 no Cab, Large Selection of 4010's, 3020, 3010, 60 with 3 point hitch. Farmall 1086 4WD 800 hrs., 1066, 966 with cab, 806, 826, 560, 460, 450, M, H. Allis Chalmers D21, D17. Ford 4000 Gas, 8N & 9N. IH 2400 B series w/400 hrs. 1979 IH 1086 w/Cab & Air & Front Wheel Drive Used 700 hrs.

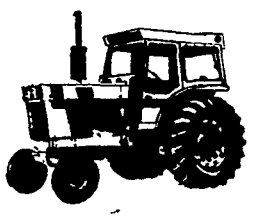
Used Combines
John Deere 7700 diesel, 4400 gas Rotary screen, 105 diesel, 55 corn special, Massey Ferguson 300 with Quick Tach heads (sharp) 2, 3, 4, 6, & 8 row John Deere corn heads.

Used Trucks:
1974 Chevy w/new 16' grain body & hoist, 427 engine, 5 spd. trans., 2 spd. rear. 1971 International 1800 with new 14' Body & hoist. 1971 International 1800 Cab & Chassis.

Used Plows & Disks:
1450 John Deere 7 Bottom. Allis Chalmers 7 Bottom. Large selection of John Deere 5, 6, & 7 Bottom. Used Athens Chisel Plow. Kewannee 18' Hyd. Fold Disk. Athens 21' Hyd. Fold disk. IH 470 18' Disk. Large selection of smaller John Deere disks.

John Deere 950 15' Mulcher also 12' 950 mulcher, Kewannee 21' Hyd. Fold Mulcher. Brillion 18' spring tooth on rubber. Used year around cab for IH 766-1566. John Deere 336 baler. Large selection of Fox choppers & head. Good supply of Fox Parts. New Gehl, Fox & Badger Equp. Used Pittsburg & Nobel field cultivators. Gehl 95 mill. John Deere 1240 Plate & Plateless corn planters. Over stocked on lids for Hawk spreaders. Int. 18 disc grain drill, exc. cond. JD model 2500 6 btm. 18" auto. reset plow.

D & R EQUIPMENT INC.
Ringoes, New Jersey
(201) 782-5082



NEW TRACTORS
IH 284D
IH 284D 4WD
IH 384
IH 584 Std.
IH 684
IH 884
IH H 84
Farmall 786
Farmall 986
Farmall 1086

NEW TILLAGE
IH 735 vari-width, auto. plow
IH 55 3 pt. Chisel Plow 13 ft.
IH 6000 Concertil 10 ft.
IH 4500 Vibra Shank

NEW PLANTERS
We Have 800 Series Planter In Stock

NEW GRAIN DRILL
IH 5100 20x6 plain

NEW DISC HARROW
IH 122 5'6"
IH 122 6'9"
IH 350 10'3"
IH 475 18'7"
IH 501

USED TRACTORS
Farmall H
Farmall M
Farmall 504
Farmall 544 w/3000 Loader
Farmall 656
Farmall 656D Hydro
Farmall 666
Farmall 766D
Farmall 966
IH 354
IH 656
IH 444
IH 454

USED COMBINES
IH 503 w/2 heads
IH 815 w/Grain head
IH 205 w/Grain head

IH
Uptime service.
certified service
1980 1981

WM HOBENSACK'S SONS
1060 GREELEY AVE.
IVYLAND, BUCKS CO., PA.
18974
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FARM EQUIPMENT

NEW EQUIPMENT SPECIALS

IH 4130 skid steer loader	$6500
IH 56 blower	$1695
10' trailing chisel plow	$1850
7' 3 pt. chisel plow	$ 995

USED SPECIALS

Farmall w/Trojan w/motor	$1200
Farmall M	$1500
Farmall C w/2 way plow & cultivator	
Farmall 340 w/fast hitch 2 bottom plow	
NH 717 chopper w/corn head	$1795
MF 260 chopper, 2 row corn and 6' pickup head	$2995

DIBBLE HARDWARE
Shop in PA
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C.J. WONSIDLER BROS.
ALLIS-CHALMERS
AGRICULTURAL EQUIPMENT

TRACTORS
JD 3020 D
JD 1010 Crawler w/3 pt. hitch, PTO, dozer blade
JD 720
JD 60
JD B
Farmall 460 D
Farmall 154 w/mower
Farmall 185 w/mower, snow plow & snow blower
MF 1100 D
MF 1080 D
MF 180 D w/loader
MF 180 D
MF 65 D
MF 50
MF 35
Ford 3000 G
Ford 860
Ford 800
Ford 9N w/snow plow
Oliver 500 D
Case 630 w/Loader
(3) Case 300
Case DV
Satoh Elk 550 w/lo hrs.
AC 7040 D w/cab
AC 7030 D w/cab
AC 190XT D w/cab
AC 185 D
AC 170 G
AC D19 D
AC WD45 G
AC WD G

MISCELLANEOUS
(2) AC 500 Loader w/hydraulic bucket
NI 506 Front end Loader
JD 17 Disc Drill
McCormick 13 Disc Drill

CORN PLANTERS
AC 600 Air Champ 4-row w/liquid fertilizer
AC 600 4-row
(2) JD 494A 4-row
JD 494 4-row
Farmall 556 4-row

TILLAGE TOOLS
AC 5-B 16" Plow-Semi
AC 4-B Plow-Snap coupling
Oliver 6-B Plow-Semi
Oliver 5-B Plow-Spring Trip
Oliver 4-B Plow-Auto reset
Oliver 3-B-Plow - 3 pt. hitch
Ford 5-B 16" Plow - 3 pt
JD 2-B Plow-pull type
Oliver 252 12' Disc
Bush Hog 1436 14' Disc
JD 12' Transport Disc
JD 7' Pull Type Disc
McConnell 16' Transport Harrow
JD 10' Cultimulcher w/Harrow
JD 10' Cultimulcher
AC 3100 10' Offset Disc
AC 16½' Field Cultivator

COMBINES
Gleaner K w/grain & corn heads
Gleaner All w/13' grain & 2-row corn heads
Gleaner CII w/13' grain & 438 corn heads
JD 55 Corn Special w/cab, 12' grain & 330 corn heads
JD 55 w/grain & corn heads
JD 40 w/grain & corn heads
JD 45 w/grain & corn heads, 1968
MF 82 w/grain & corn heads
NH 975 w/grain & corn heads
IH 203 w/grain & corn heads

SEASON SPECIAL
(2) AC 600 No-Till 4-row Corn Planter
&
(1) AC 600 No-Till 6-row Corn Planter
Each w/Granular Fertilizer & Insecticide Units.
"BUY NOW and SAVE UP TO 30%!!!!"

AVCO NEW IDEA
Trumbauersville to Finland Rd., Quakertown, PA
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Five Heavy Duty Welders in One

295 Amp AC 250 Amp DC Welder

IN STOCK

Featured in *Popular Science* Magazine
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Stock No. 110-078-000. Includes instruction book, wall receptacle, wide vision helmet, electrode cable and holder, ground cable with clamp.
(Shown with optional High Frequency Arc Stabilizer)

1. SMOOTH AC WELDING
Operates at energy-saving low voltage, producing a smooth, non-stick arc with the lowest priced welding rod. For general purpose work on mild steel.

2. FORCE-AC WELDING
Special high voltage, produces a forceful 9000° flame with carbon arc torch attachment for heating and brazing. (Eliminates need for costly acetylene welding equipment.) Simplifies welding light aluminum with T.I.G. welding attachment. Speeds up fabrication of new steel with 7014 iron powder rods. Runs any AC welding rod made.

3. STRAIGHT POLARITY-DC WELDING
Makes hardsurfacing implements fast and easy for 3 to 5 times more wear. This use alone can save more than the cost of the welder. Lets you braze sheet metal to heavy steel using a single DC carbon and brazing rod. Produces perfect welds on light stainless steel with T.I.G. torch attachment.

4. CUTTING TAP
Performs like a 400 amp welder for the cleanest cutting of any type metal. (Cuts at less than 1/10th the cost of acetylene equipment.) Saves you money by not over-heating the welding rod and allowing you to use full length for cutting. Drills holes in heavy metal or hard-to-reach spots. Powerful enough to blow (gouge) a groove in heavy metal while still on equipment...which eliminates removing parts to bevel with a grinder.

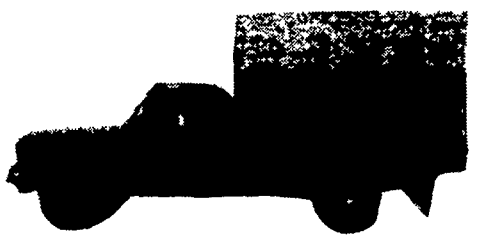
5. REVERSE POLARITY-DC WELDING
With built-in pressure to hold weld in place. Even beginners can now weld overhead and vertical as easy as flat. Runs the low hydrogen rods easily for the strongest welds on tubular high carbon steels used in today's equipment. Makes stronger, better welds on expensive cast iron parts. Lets you arc or rivet weld sheet metal to repair broken spot welds or patch worn sheet metal from one side. Runs flux coated arc aluminum rod for repair of heavy aluminum.

NEW BRILLION FARM EQUIPMENT

LGS-120 - 10' Cultipacker..... $1000
LGS-132 - 11' Cultipacker..... $1100
LGS-160 - 13'4" Cultipacker..... $1450
LFMS-132 11' Sprocket Packer... $1150
MD-148 - 12'4" Pulvimulcher..... $3900
MD-164 - 13'8" Pulvimulcher..... $4300

NEW & USED WHITE FARM EQUIPMENT

New White 543 4 Row Corn Planter, Granular Fertilizer & Insecticide..... Our Price $4900
New White 5100 Planter 4 Row Granular Fertilizer & Insecticide No-Till, Monitor... Our Price $7200
New White 508 Plow, Semi-Mtd. 4 btm. 18" Spring Auto. Reset w/Gauge Wheel & Cylinder..... Our Price $5250
New White 255 Disc Harrow, 10'4", 32-7 Gauge Blades..... Our Price $3500
Used White 251 Disc Harrow 9'3" 28-9 Gauge Blades, Like New..... $2500
Used White 5400 6 Row Air Corn Planter, Granular Fertilizer & Insecticide, No-Till, Deluxe Monitor, Gauge Wheels, Used 1 Season For approx. 300 acres, like new..... $8000



1979 Ford F-250, 400 V-8, 4 Speed, 7900 GVW, 9.50x16.5 Tires, 12,000 Miles, With New Omaha Standard 9 Ft. Grain Body. 40" Steel Sides, 26" Cattle Fold Down Racks, Omaha 41DA Hoist.

Special Package Price $8250.00

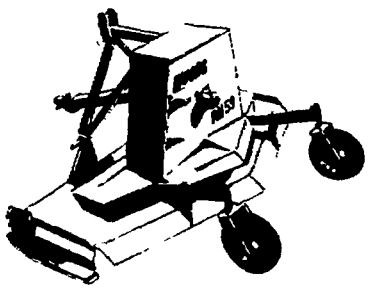
NEW OLIVER 770 DIESEL SHORT BLOCK #103543-AS

Special Price $2000.00

NEW OMAHA STANDARD GRAIN BODIES IN STOCK

- 9½ ft. Platform (Wood floor) with 40" Steel Grainsides & 26" Cattle Racks
- 10 ft. Platform (Wood floor) with 40" Steel Grainsides & 26" Cattle Racks
- 12 ft. Platform (Steel floor) with 40" Steel Grainsides & 26" Cattle Racks
- 14 ft. Platform (Wood floor) with 40" Steel Grainsides
- 15 ft. Platform (Wood floor) with 52" Steel Grainsides
- 16 ft. Platform with 40" Steel Grainsides
- 18 ft. Platform with 40" Steel Grainsides
- 18 ft. H.D. Platform with 52" Steel Grainsides

THE Sharp Ideas COME FROM WOODS



3 Pt. Rear Mounted Lawn Mowers. 4 ft., 5 ft. & 6 ft. Models In Stock.
NOTE: We stock a large inventory of Woods Mower Replacement Parts

FOX MODEL SPF SELF PROPELLED HARVESTER

With 2 Row Wide Cornhead, Gas Engine In Excellent Cond.

USED TRUCK BODY

Reading 18½ ft. Platform Diamond Plate Steel Over Wood with 42" Steel Stake Racks, Like New, 2 yrs. old.

$1600

USED OLIVER TRACTOR PARTS

1 -155-897A Reconditioned Crankshaft with NEW Bearings, .010 Rods - .020 Mains, Fits - 16550, 1750G, 1755G, 1800G
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1 -30-307-8663 Reconditioned Crankshaft with New Bearings, .010 Rods - .020 Mains, Fits - 1750D, 1755D, 1800D, 1850G, 1855 G&D, 1950, 1955
1 -166-425A Reconditioned Engine Block, Fits - 1655D,
1 -Wide Front End - Rebuilt, Fits - 1550 - 1955
1 -Rebuilt 55 Gas Engine, Complete
1 -770 Gas Engine, 1100 Hours, Complete

USED IH 45 14 Ft. VIBRA-TINE FIELD CULTIVATOR, Pull Type

With Wings, Like New **$1950**

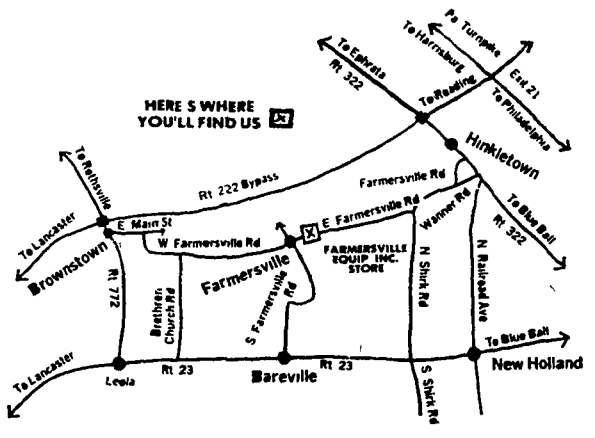
STERLING-The New Twist IN BARBED WIRE

Reg. $29.95 SPECIAL **$26.95 ea.**

USED BOLENS 1254

12 hp. Gear Drive with 42" Rotary Mower, Excellent Condition

$1395



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WHITE - BRILLION - BUSH HOG - FOX - VICON - KUBOTA - BOLENS - HOMELITE - ECHO - OMAHA STANDARD - HARSH

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STORE HOURS: Mon. Tues., Wed. & Fri. - 7:30 to 5:30
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RINGTOWN FARM EQUIPMENT, INC.

SPERRY NEW HOLLAND

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SPRING BUYER SPECIALS

NH 315T baler, $5550
NH model 80 bale mover, hyd., $525
NH L325 skid steer loader, demo unit
NH L445 skid steer loader, demo unit
NH 256 rake

FREE FINANCE ON:

NH Hay Equipment till Oct. 1, 1981
NH Box Spreaders, Grinder Mixers & SKID STEER LOADERS till Sept. 1, 1981

USED EQUIPMENT

NH 479 mower cond.
NH 7' sickle bar mower, mtd.
1500 Schwartz loader, 4420 lbs
Oliver grain drill
Myers 500 gal. row crop sprayer
Haines 2-row stone picker
Howard rototiller, 100" 12' bulk body
Holland 4-row transplanter
Holland 2-row transplanter
IH 2001 manure loader
IH 710 4 btm. plow, auto. reset
IH 12' Vibra Shank
IH 4 btm. plow, semi-mt.
IH 3 btm. plow, fast hitch
856 D
806 D
656 G
3414 tractor loader
Super A
Farmall 450
Farmall M
1650 Oliver, gas

COMING SOON-GRAND OPENING SALE IN OUR NEW BUILDING

FOR SALE

USED TRACTORS

AC 7030 cab & air, 7000, 200, XT190 series 3, 185, 175, 5050, 5040, 160 w/loader, D17's, D15, B w/plow, G w/hyd., D12 high clearance w/cultivators.
Ford 5000, 3600 diesel, 2000 w/loader, 650 w/loader.
Int. 684, 666, 560D, Super MTA, Super M, 230, 140 high clear., Super AV w/cult., Super A w/cult., cub w/rotary mower, 424 diesel w/loader.
Case 430.

USED TILLAGE TOOLS & MISC.

AC & JD 2-row 3 pt. corn planters
JD 5 bottom 3 pt. semi mount reset plow
Ford 2 bottom 3 pt. plows
MF 3 pt. disc cultivator for Super A
JD 2-row trailer corn planter
IHC 12' spring tooth harrow
JD 10' transport disc
JD FBO 18 disc grain drill
JD 8520 disc grain drill
Grimm hay tedder
IHC 3 pt. 4-row cult.
AC semi-mt. 3 btm. 3 pt. hitch reset plow
Ford 3 btm. 3 pt. hitch reset plow, 16" & 18"
AC 5 btm. 3 pt. hitch semi-mt. plow, spring trip
IHC 13' offset disc
AC 4 & 6 row conventional & no-till corn planters
NH 315 hay baler w/thrower, exc. cond.
AC 25' centerfold offset trans. disc, like new.
7' Athens plowing disc, like new.
New Crust Brush offset plowing disc at old price
JD grain drill
Howard 5' 3 pt. hitch rotovator
Int. 3 & 4 btm. trailer plows
Brillion cultipacker
JD loader model 48
AC G w/hyd.
Gehl 115 mixer grinder mill
Rogers 12 ton tilt top trailer
Rogers 10 ton tag along trailer
NH 451 3 pt. hitch mower
Cab for 5000 Ford
NH 145 bu. tank spreader, exc. cond.
1-row potato digger
Brillion 5' 3 pt. hitch landscape seeder
Nicholson PTO hay tedder
Ford 3 pt. hitch disc
NH 707 chopper w/corn & pickup head
JD, AC, & MF 2-row 3 pt. hitch corn planters.

IN STOCK FOR IMMEDIATE DELIVERY

New Brillion cultipacker seeders & transport spring tooth harrows
AC 4 & 5 bottom 18" semi-mt. reset plows
Transport disc harrows
4 & 6 row no-till & Conservation corn planters

SPECIAL

Oliver 1550 Diesel, wfe, runs & operates, $3485. Needs minor repair

MARSHALL MACHINERY, INC.

RD #4
Honesdale, Pa. 18431
5 miles east of Honesdale on Rt. 652
Ph: 717-729-7117
Sales & Service AC, NI, Hesston, Kubota

FARM EQUIPMENT

SPERRY NEW HOLLAND SPERRY NEW HOLLAND

M & R EQUIPMENT

New Park, PA
717-993-2511
Red Lion - 717-246-1972
Residence - 301-452-8693 after 6 PM

NEW HOLLAND SPECIALS!

NH 474 haybine, $5500
NH L-35 skid loader w/deluxe grass cab enclousre, 7' bucket. Reg. $16,900 NOW $13,200 (No Trade)

Waiver of Finance on all New NH Skid Loaders, Manure Spreaders & Grinder Mixers until 9-1-81

FARM EQUIPMENT

MF Massey Ferguson

USED COMBINES

1980 MF 750 Turbo Hydro w/15' grain and 6 Row Corn head	$65,000.00
MF 760 Hydro V8 Rr wh drive, 6 row 30" Corn Head, 15' Grain Head	48,500.00
MF 750 Turbo Hydro with 15' Grain	29,000.00
White 7300 Gas 318, 4 Row Wide Corn Head, 13' Grain Table	17,500.00
MF 760, 6 Cyl, 4 Sp with Grain Table	25,500.00
MF 760, 6 Cyl, 4 Sp with Grain Table	19,500.00
MF 750, Turbo, Hydro with Grain Table	28,000.00
MF 750, 372, 4 Sp with Grain Table	24,500.00
MF 510, Diesel, Cab with Grain Table	13,500.00
MF 510, Diesel, Cab with Grain Table	12,500.00
MF 410, Diesel, Cab with Grain Table	11,000.00
MF 410, Diesel, Less Cab with Grain Table	5,800.00
MF 300, Gas, Cab with Grain & 2 Row Corn Head	9,000.00
MF 300, Gas, Cab with Grain & 2 Row Corn Head	8,500.00
JD 4400, Gas, Cab with Grain & 4-30 Corn Head	15,900.00
IH 315, Gas, Cab with Grain & 2-38 Corn head	7,900.00
IH 303, Gas, Less Cab with Grain Head	1,790.00
IH 303, Gas, Less Cab with Grain & Corn Head	3,900.00
IH 141, Gas with Grain Table	2,000.00
AC CII, Gas, Cab with Grain & 4-38 Corn Head	5,900.00

WE SOLD 8 NEW COMBINES THIS WINTER WHICH GIVES US A VERY GOOD SELECTION OF USED COMBINES

USED TRACTORS

MF 2775, Cab, 24 Speed, 160 hp	29,000.00
MF 2745, Cab, 24 Speed, 140 hp	28,500.00
MF 1155, No Cab, 8 Speed, 140 hp	11,000.00
MF 1085, less cab	8200.00
MF 1080 Diesel	5900.00
MF 175 Diesel	4600.00
Farmall 460	1700.00
Oliver 1600 Gas	3500.00
Case 1370, Cab, 1480 hrs	14,000.00
MF 1050 Grinder-Mixer	4850.00
IH 516 Semi-Mtd Plow	1500.00

USED EQUIPMENT

MF 560 Round Baler	4700.00
MF 37 5 Bar Hay Rake	1400.00
Fox 2000 2 Row Forage Harvester	1000.00
MF 33 Grain Drill 17 Run New Price $4295.00	3579.00
MF 468 6 Row Corn Planter New Price $3511.00	2588.00
Century Pull Type Sprayer 12 Row	975.00
NI 319 Mt Picker Sheller	1800.00
MF 214 Baler	1750.00
Glenco Soil Saver Chisel Plow	4700.00
Yetter 15' Rotary Hoe	1850.00
MF 730 10 ft. Disc Harrow New Price $6763 07	5393.00
Pittsburgh 2 Row Cultivator	470.00
Dunham 4 Row 38" Cultivator	1350.00
MM 6-16" Semi Mt. Plow Hyd Reset	2350.00
Brady 14 ft Flail Chopper	2900.00
MF 880 Plow 6 16" Hyd Reset	1900.00
Hesston PT10 Stakcker	3750.00

M.M. WEAVER & SONS, INC.

Leola, Pa. 17540 717-656-2321

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

FARM EQUIPMENT

Badger JOHN DEERE HESSTON FARM EQUIPMENT

USED EQUIPMENT

TRACTORS

MF 35 diesel w/loader
JD 435 diesel
JD 520
Farmall Super H
Oliver Super 88
Ford 9N
JD M w/cultivator

CORN PLANTERS

IH 400 cyclo, no-till
IH 400 cyclo, regular
AC 6-row no-till
MF 2-row
Oliver 4-row
JD 494A 4-row
JD 246 2-row

MISC. EQUIPMENT

Haban corn sheller (like new)
JD 700 grinder
NH 512 spreader
JD 34 spreader
JD 830 windrower
NH 1469 windrower

Special This Month

NEW HESSTON 1090 MOWER CONDITIONER $4850

PIKEVILLE EQUIPMENT, INC.

R.D. 2, Oley, PA
Phone: 215-987-6277
Berks Counties Full Line John Deere Dealer - Serving the Oley Valley 45 years 1936-1981

COMBINES

JD 4400 Dsl, Cab, Air, 23.1-26 tires, long variable speed feeder house, corn chopper, like new, 245 hours. SOLD
JD 4400 Diesel, Cab, Air 13' Platform, straw chopper
JD 4400 Gas w/Cab, 13' Platform w/Pickup Reel
JD 6600 Diesel Hydrostatic, Cab & Air, 13' Platform w/Pickup Reel
JD 3300 Rotary Screen Cab, Air & 13' Platform with Pickup Reel
Late Model IH 715 w/cab, 13' Quick-Tach grain table, very nice

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

TRACTORS

SOLD 7600 Cab & Air 1100 hrs.
JD 4520 D Power Shift
JD 4430 4 Post RG, Quad
JD 4430 Cab & Air
JD 4320 Dsl. Cab, AC
JD 4230 Quad Range
JD 4030 4 Post RG, QR
JD 4020 Dsl. WF Powershift
JD 4010 Dsl.
JD 3010 Dsl.
JD 2510 Gas
JD 830 Dsl. 3 cyl.
IH 1456 D, WF
IH 1256 D w/Cab
IH 1256 D WF
IH 966 w/Cab & Air
IH 856 D, WF
IH 806 Dsl. WF
IH 766 w/cab, very nice
IH 574 w/2050 Loader
IH 756 D Fast Hitch
IH 656 Dsl. WF
IH 656 Gas WF

BALERS

JD 336 w/Thrower
JD 346 Wire w/Thrower
JD 346 Wire w/Bale Chute
JD 24T w/Thrower
NH 276 w/Thrower
NH 268 w/Thrower

MOWER CONDITIONERS

NH 479 SOLD
JD 1209
NI 299 Cut/ditioner like new
NI 272 Cut/ditioner

HARVESTERS

MF 260 w/2R Corn Head & Pickup
JD 3800 w/2R Corn Head
JD 35 w/2R Corn Head
NH 36 Flail
JD 16A Flail
JD 16A Flail, very good

DISCS

Hutchmaster Plowing Disc
IH 500 12', like new
Proven Rock Discs
JD BWF 14'
JD BWF Wingfold 16' 6" thru 20'
JD AW 14'

PLOWS

JD 1450 5 Btm. 18"
JD 145 4, & 5 Btm.
JD 620 3B 16" pull type

IH 1460 COMBINE, 650 HOURS, VERY GOOD CONDITION

MISCELLANEOUS EQUIPMENT

MF 235 Loader w/valve control
JD 1240 Plate Planter, Dry Fert., Insect., rubber press. wheels.
JD 58 Loader w/large materials bucket
Grain-A-Vator tandem axle feed cart
IH Pickup Head for 550-650 Harvester
Gehl Pickup Head for 600 & 300 Harvester SOLD
JD Late Model Hoe Drill 16x8 Fert. & Grass Seed
JD 6 Row Cultivator
JD 300 Corn Picker 2 or 3 Row Optional
20' Speed King Wheel Harrow
New Full Vision Cab To Fit JD 4030 thru. 4430.
Cab to fit 06 and 56 IH Tractors.
IHC 18-38 & 18-34 Duals
Cab to Fit JD 30 & 4020

GUNTHER HEUSSMAN INC.

So. 5th St., Emmaus, Pa. 18049 215-965-5203

FARM EQUIPMENT

TRACTORS

FARMALL 856 Diesel
FARMALL Super H w/Loader
FORD 3000 Gas
FORD 3000 Diesel w/loader
FORD 5000 Diesel
FORD 8N Like New
FORD NAA
FORD 9N
FORD 861 w/power steering

EQUIPMENT

IHC 16 Disc Grain Drill (nice)
JD 1240 Plateless Planter
3B Mtd. FORD Plow, like new
FORD 2B 12" & 14" Mtd. Plows

NORMAN R. SHORES TRACTOR

R.D. 5, Towanda, PA
717-265-9014
No Sunday Sales

SPRING SPECIALS ON NEW EQUIPMENT

NEW IDEA 299 MOW-DITIONER, DEMONSTRATOR $3995.00

CASE 513 7 SHANK V CHISEL $1400.00

BUSH HOG 146 12' OFFSET DISK HARROW $6300.00

GEHL 1600 ROUND BALER $7900.00

USED EQUIPMENT

TRACTORS
Case 530 G
Case 1070 D
Case 1370 C-A-H
Ford 5000 G
Ford 4000 G
Farmall H
IH 660 D
IH 1066 Hydro
MF 2135 Turf
AC 7040 C-A-H
AC 7080 C-A-H
MM Jet Star 3
DB 1200 D
Jubilee NAA

LOADERS
Case 1816
Case 1845 G
Case 580 w/hoe
Case 380
1530 Uniloader
Uniloader fork - grapple

MISCELLANEOUS
Wetmore grinder
Ford 101 plow
Hesston PT 10
Rhine 6' blade

UNI-SYSTEM
701 Power Unit
708 Power Unit
702G w/combine
729 A sheller
767 harvester
762 row crop
760 hay pickup
710 combine
743 N corn head

FORAGE
Gehl 800 recutter
Gehl 600 harvester
Gehl 610 box
Gehl 910 box
Gehl 87 blower
J.D. 65 blower
N.H. 1880 SP
Grove box
IH #51 box
E-Z boxes

NEW IDEA
Manure Spreaders 212, 213, 214, 224, 218
272 cut-ditioners
#7 corn picker
325/314 picker sheller
404 wheel rake

USED GARDEN TRACTORS
7 to 14 H.P. Starting At $395

A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521

case · NEW IDEA · GEHL · BUSH-HOG

SOIL SAVER CHISEL PLOWS

ALL PULL TYPE MACHINES IN STOCK WITH HOSES TO TRACTORS, SET UP AND READY TO GO.

Glencoe 5 Shank Model 6'3" cut	$3700.00
Landoll 5 Shank Model, 6'3" cut, with Midwest Buster Bar installed	$3785.00
Case 7 Shank Model, 8'9" cut.	$4580.00
Landoll 9 Shank Model, 11'3" cut	$5300.00
Athens Reg. chisel Plow, 7 Shank, 32" high clearance spring shank with curved shovels, 7 ft cutting width	$996.00
Used Glencoe Soil Saver, 7 Shank, 8'9" cut	$3900.00

USED TRACTORS

Case 870 Diesel, power shift, 1837 original hours
2 Case 1830 Skid Loaders
Owatonna Mustang 1700 Perkins D Skid Loader
Owatonna 1000 Skid Loader, 60" Bucket & manure fork
IH 3514 D Backhoe Loader Tractor
Case 530 w/Loader
Ford 5000 D w/Loader #727
4230 John Deere, D. 4 post canopy w/enclose kit, 2400 hr., front weights, 18.4x38 rubber
990 David Brown D Select-A-Matic
MF 65 Diesel Tractor, wide front, high clearance, fair cond., motor overhauled...$2900
Case 1030 Diesel Tractor, late model Comfort King, western style
Ford 860, Blue paint...$2800
Deutz 9006, Diesel, Tractor...$7900
Case 530 Industrial Loader Tractor with Hyd. Forward & Reverse Shuttle, gas...$3900
Farmall Super A, no equip. ...$1180

USED MOWERS

Like New Roper Riding Mower, 14 HP. w/42" Mower and 32" Snow Blower
Case 16 HP Riding Mower w/48" Mower

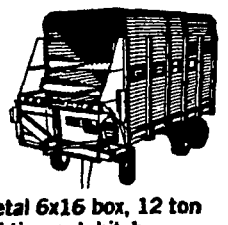
NEW & USED BLOWERS

New Kools KB 57 Hi Performancer ..... Only $1889
Used John Deere Model 40H $280

THINK HAYLAGE SEASON!

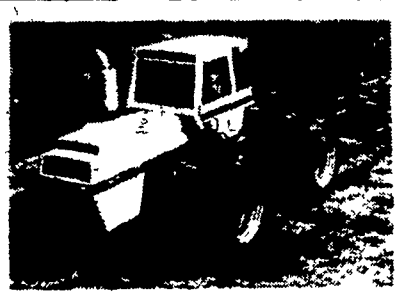
GEHL FARM EQUIPMENT

FORAGE BOXES IN STOCK
The Smooth Unloader



Gehl 940 3 beater w/roof metal 6x16 box, 12 ton tandem gear w/12.5 Lx15 tire, ext. hitch
Gehl 100 grinder mixer, hydraulic drive
Gehl 99 forage blower
Gehl 940, 2B, 4x14 box mounted on McCurdy gear w/ext. hitch, ser. #24448
Gehl 640, 3B, 6x14 box on Zimmerman 8 ton gear 11.6x15 tire, ser. #3011
Gehl 640, 2 B, 4x14, mount on McCurdy gear w/12.5x15 tire, ser. #3068
Gehl 640, 3B, 6x16, mount on Zimmerman 10 ton quick hitch, 11.6x15 tire, ser. #2907
Gehl 640, 3 B, 6x16, mount on McCurdy 10 gear quick hitch, 12.5x15 10 ply tire

JUST RECEIVED, LIKE NEW USED LESS THAN 600 HOURS



CASE 300 HP 2870

Turbocharged 674 cu. in. displacement 150 gallon fuel tank. Case 4-way-selective steering and power shift. 3 pt. hookup, PTO, 4 remotes, equipped with factory duals, on-the-go power shift transmission, swivel operators seat, west coast mirrors.

TRADE UP NOW!
THE PRICE WILL SURPRISE YOU!

USED EQUIPMENT

IH 9 Shank Hi Clearance Chisel Plow
Brillion 10 Ft. Cultipacker, needs some repair
IH 3-14 3 Pt Trip Plow
New Idea 9 Ft. Cut-Ditioner w/New Flails
610 Gehl 6x16 2 Beater Forage Box
IH 50 Grain Drill, Good
Gehl 180 Spreader w/Hy. End Gate, Excellent
MF Transport 13 Ft.6" Disc
Parker Bin on Gear
Cultipacker 8 Ft., 15" Wheels
Brillion 10 Ft. Field Cultivator on Transport
JD 10 Ft. Cultipacker, 17" Wheels
Sauder 7 Ft. Front Mt. Snow Blade
JD KBA 8 Ft. Transport Disc
JD Model 350 Hyd. Reset 6x16 Plow w/Accummulator w/New Mole Board
McCurdy Grvity Bin on Case 8 Ton Gear
New Holland Model 450 7 Ft. Sickle Mower, Pitmanless, 3 Pt.
Ford 3 Pt. 2 Row Model 309 Corn Planter
10 Ft. Pull Rotary Hoe
Bush Hog Rebel 5 Ft. Cutter
12 Ft. Hydraulic Auger For Gravity Bin, Extra Long Hose
New Idea 201 PTO Manure Spreader
IH 12 Ton Gear w/12.5L x 15 8 Ply Tires
AC 4-16 Mono Frame Plow, Semi Mt.
IMCO Box Scraper
New Holland #25 Whirlafeed Forage Blower
JD #60 Forage Blower
Owattona 10 Ft. S.P. Haybine w/ Wisconsin Engine
Hesston Pt 10 9 Ft. Haybine
New Holland Super 68 Baler w/#50 Thrower

case

BINKLEY & HURST BROS.

133 Rothsville Station Rd., Lititz, PA 17543 Ph: (717) 626-4705
Business Hours: Mon. - Fri. 7 AM to 5 PM; Sat. 7 AM to 11:30

MF Massey Ferguson · FIELD QUEEN FORAGE HARVESTERS

GOOD USED EQUIPMENT

Tractors
MF 205-4 diesel
MF 65 gas, M.P.
MF 285
MF 1080 diesel
MF 1150 w/cab
MF 1150 w/duals
MF 1100 w/cab, low hrs.
(2) Farmall 450 Diesels
MF 1130 diesel

Skid Steer Loaders
Owatonna 1700 w/grapple

Combines
JD 55 diesel, cab, 3 row
JD 45 cab, 2 row
MF 300, cab, 3-row

Hay
NI 290 Mower Conditioner
JD 336 baler w/thrower
NH 479 haybine
Hesston PT7
Hesston PT10
Hesston 1014 - 10'
Hesston SP320
Hesston SP6600

Tillage
9' PT chisel plow
Moore no till drill
10' Bearcat pulvimulcher

Spreaders
NH 519 w/hyd. gate
Gehl 250
Starline 180 bu.
Hawk Bilt 150 bu.

Miscellaneous
Gehl 120 Mixall
Shaver 12" post hole digger
Shaver post driver

Harvesting
NI 318 grinder unit
NI 2-row Super sheller, new
NI 314 sheller
NI 2-row picker, 8 roll
Oliver 1-row picker
M.C. grain dryer

Longenecker's, Inc.
At Clappertown Williamsburg, PA
814-793-3731

FARM EQUIPMENT

Ford · HESSTON CORPORATION · WHITE Farm Equipment · NEW IDEA

USED TRACTORS

Oliver 1955 w/cab
Ford 4500 Tractor/Loader/Backhoe
Ford 3000 Gas

USED COMBINES

(2) White 8600 diesel hydro, cab & air
AC Gleaner G w/13' Grain & 6R 30" C H.

USED TILLAGE EQUIP.

Oliver 5 Btm auto reset plow
Ford 241 12' Disk Harrow
Ford 4B Semi-Mtd Plow

PLANTERS

White 5400, 4 Row

MISCELLANEOUS

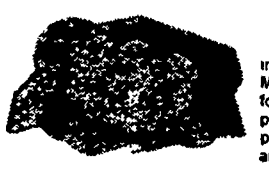
NI 325 Picker w/8 Roll Husk Bed
Ford 5' Rotary Cutter

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

MUELLER Milk Coolers®

SHORT ON CASH? LEASE A TANK!

Superior Cooling, automatic washing, and free hot water are only **three** of the reasons you should put a Mueller HiPerForm Milk Cooler to work for you!



IF SPACE IS A PROBLEM...
in your milking parlor, the Model "OH" can be ordered for bulkheading A wall support channel and insulation for placing between the cooler and the channel will be provided at a nominal charge

MWM murphy DIESELS

DIESEL ENGINES

Two Cylinder Model D 302-2 14 to 32 HP

D 327 Series Two Cylinder Model D327-2 20 to 36.5 HP Max.

For More Information Contact Your Authorized Mueller Dealer

Sult's Refrigeration Service

Off Rt. 340, 1 Mile East of Intercourse on Hatville Rd.
RD 1 Gordonville, PA 17529
★ 24 HOUR SERVICE
PH: 717-768-8555

BEFORE YOU BUY - CHECK OUR PRICES

CLIP THIS COUPON & MAIL TO
SULT'S REFRIGERATION SERVICE
RD 1, Gordonville, PA 17529
☐ Send More Information ☐ Have Representative Call
Name _____
Address _____
City _____
State _____ Zip _____
Phone _____

FARM EQUIPMENT

Field Sprayers, fiberglass tanks, trailer type, or with tongue, different sizes. Also, small portable type.

Bouman ground drive manure spreaders, 80 bu. capacity, ideal for horse farmers.

Farm gates, heavy gauge steel tubing from 4 to 16 ft. length. 51" high, including hay racks.

Abram K. Fisher
25 Old Leacock Rd.
RD 1
Ronks, PA 17572

FARM EQUIPMENT

FARM EQUIPMENT

USED TRACTORS

Ferguson 20 w/ Blade
Oliver 1750 diesel
JD 530 Gas
JD 620 Gas
JD 730 Diesel
JD 2020 w/loader
JD 1520
JD 1530 w/ Loader
JD 2030 diesel

USED EQUIPMENT

1250 6-Row JD Cornplanter
JD 7000 4-Row Planter
White 4-Row No Till Planter

SHOTZBERGER'S EQUIPMENT
Elm, Pa.
Phone: 717-665-2141

FARM EQUIPMENT

FARM EQUIPMENT

FOR SALE

JD 4-16" Rollover plows with coverboards $1400.00
New 15' Harogator with transport wheels & wings $1000.00
Clark 6000 Forklift with propane tank $2000.00
New Diesel tractors from 15 HP to 38 HP Will sell at dealer replacement cost.
10 HP Economy tractor with plow, cultivator, blade & lawn mower $1400.00
Pittsburgh 10' Field Cultivator with wheels, same as new $1100.00
JD 2 row 3 PH Corn Planter $295.00
David Bradley with new 7 HP engine, plus plow, cultivators, planter, etc. $295.00
New Hyd. Auger for gravity wagon.
We also have Partner chain saws, McCurdy wagons & bins, tires, hardware & plumbing supplies, plus a full line of farm & garden supplies.

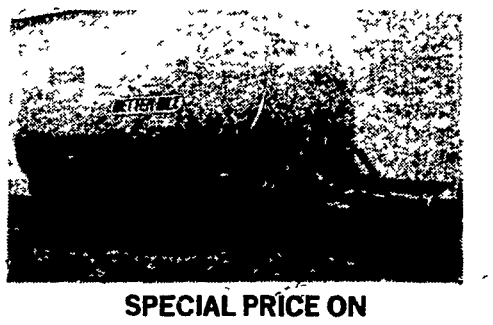
SHADE GAP MILL
Box 672 Shade Gap, PA 17255
YOUR CASH & CARRY FARMERS SUPPLY
Phone (814) 259-3258
Nights - 814-447-3388

FARM EQUIPMENT

FARM EQUIPMENT

BRICKERVILLE EQUIPMENT

*** SALES * SERVICE * PARTS**
537 E. 28th Division Highway,
Lititz, PA 17543
717-626-6198



SPECIAL PRICE ON
800 gallon thru 4600 gallon
Both vacuum & augermatic spreader units available

BUY "BETTER BILT" EQUIPMENT WHY? IT'S "BILT-BETTER"

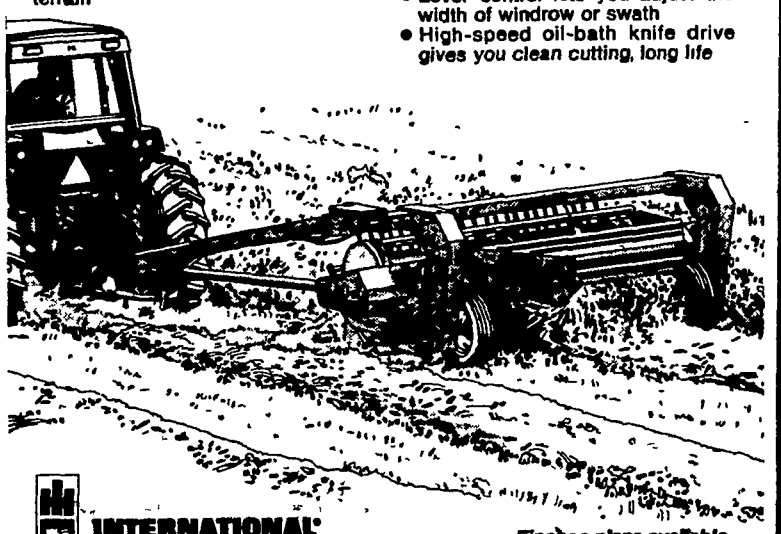
CALL US FOR YOUR NEEDS OF
- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

INTERNATIONAL 1190 MOWER CONDITIONER

Preserves hay quality to maximize profits

Precision-machined, intermeshed rubber conditioning rolls crush *and* crimp your crop for fast dry-down, yet they work gently to save leaves. Rolls are mounted in the header, not on the frame, so the crop feeds straight in for complete conditioning, even in rough terrain

- Two sizes, 7 and 9'
- Over-the-top frame suspension allows for header float, keeps crop pathway clear
- Rolls separate automatically when header is raised so you can clear slugs from your tractor
- Lever control lets you adjust the width of windrow or swath
- High-speed oil-bath knife drive gives you clean cutting, long life



INTERNATIONAL AGRICULTURAL EQUIPMENT

Finance plans available.

NEW TRACTOR SPECIALS

Model	List	Sale	With $500 Rebate
384D	$10,209	$ 8,350	$ 7,850
484D	$12,608	$10,350	$ 9,850
584D	$14,385	$11,950	$11,450
684D RC	$15,732	$13,250	$12,750
784D RC/TA	$19,395	$16,250	$15,750
884D RC/TA	$20,165	$15,650	$15,150

USED TRACTORS
IH F806D w/2 pt (Recond)
IH F-544D w/3 pt WF
(2) IH F-350's w/2 pt
IH F-300 w/2 pt
(3) IH F-M (Any Price Range)

USED TILLAGE
IH 470 16' wing disc
IH 720 6 Furrow 18" plow, like new
IH 510 4F 16" Plow
IH 540 4F 16" Semi.
IH 531 3F 14" MT.
MF 82 4F 14" 3 pt.
IH 12' 315 packer mulcher

MANURE SPREADERS
IH 35
IH 175
IH 530
NI 201

USED HAY EQUIP.
IH 46 Baler
IH 27 Baler w/thrower
IH 37 Baler w/thrower
IH 47 Baler w/thrower
IH 420 Baler w/thrower
IH 430 Baler w/thrower
NH 469 9 Ft. Mower Cond.
NH 479 9 Ft. Mower Cond.
NI 290 9 Ft. Mower Cond.
(3) IH 990 9 Ft. Mower Cond.
IH 120 7 Ft. Mower
IH 15 Hay Rake
IH 15 Hay Rake
NI Parallel Rake
NI Side Delivery Rake

USED PLANTING EQUIP.
IH 400 4R Planter
JD 1240 4-row Plate Planter w/insect.
JD 494A 4R DD (New Hoppers)
JD 494 4R Shoe
Ontario 14x8 drill

USED HARVESTING EQUIP.
IH 234 w/Sheller
IH 1 Pr 1R Picker
MF 82 Combine (SP)
MF 92 Combine (SP)
IH 76 Combine (Pull)
IH 650 Harvester w/Pickup & 2-Row Head
Fox Pickup Head

USED FORAGE EQUIP.
NH 818 2R Harv.
Van Dale w/Roof & Chassis
Grove 16 Ft. w/Chassis
Grove 16 Ft. w/Chassis
(INTEREST FREE TILL 8-1-81)

MISCELLANEOUS EQUIP.
100 Gal. Sprayer

MIFFLINBURG FARM SUPPLY, INC.
East Chestnut St., Mifflinburg, PA 17844
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Make A Deal Now On This New IH Equipment - Ready To Go!

We're An IH Dealer!

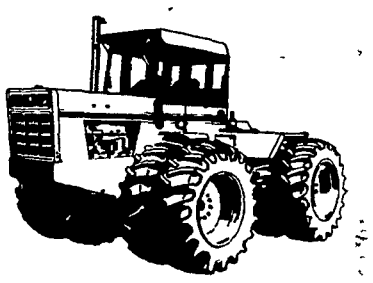
TRACTOR SPECIALS...

IH 1086 Diesel, Cab & Air, 24 5x32 10-Ply Tires, Fully Equipped With Front & Rear Weights, Rental Unit, 416 Hours, Current List $42,750 — SOLD — SALE $26,470

IH 1086 Diesel, Cab & Air, 24 5x32 Radials, Fully Equipped With Front & Rear Weights, Current List $43,383 84 — SALE $32,500

IH 186 Diesel Hydro, Cab & Air, 18 4x38 Radials, Fully Equipped With Front & Rear Weights, List $40,937 — SALE $31,750

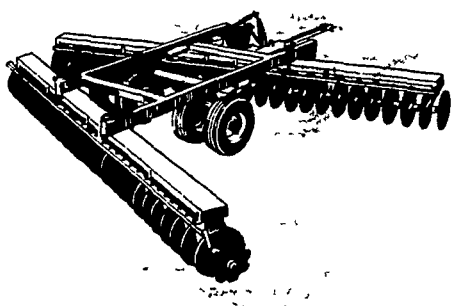
86 Diesel Hydro, With ROPS, 2nd Valve, Current List $24,687 — SALE $19,900



- 4586 Diesel, 4 Wheel Drive - Old Price!
- 3788 Diesel, 2+2
- 986 Diesel
- (2) 786 Diesels, No ROPS
- 584, 684, 784 and 884 Tractors

TILLAGE:

735 Vari-Width Plow, 5 & 6 Bottom
730 Vari-Width Plow, 4 & 5 Bottom
720 4-Bottom Plow
440 4-Bottom Plow
145 3 & 4-Bottom 18" Rollover, Auto. Reset
420 2-Bottom Plow
596 Disc Harrow, 22'5" (13,500 lbs.)
496 Disc Harrow, 19'1" 9" Spacing (New Model)
501 Disc Harrow SOLD Old Price!
415 Packer Mulcher, 20' Folding
415 Packer Mulcher, 13',12' & 10'
6013 13' Consertill
5513 13' 3 Pt. Chisel (1 left)
No. 14 5-Shank Auto-Reset Sub Soiler
4500 Field Cult., 12' to 21' Folding



Early Riser Planters

Faster, earlier planting... early rising crops.

PLANTING EQUIPMENT:

5100 Grain Drill, 21x7 & 24x6 (1 of each left) with Ga. Wheels
800 Early Riser Planters, 4-Row Plate & Air
183 4-Row Wide Vibra Shank Cultivator
183 6-Row Narrow Vibra Shank Cultivator

SPRAYING EQUIPMENT:

400 Gal. Stainless Steel John Blue Trailing Sprayer
300 Gal. Poly Tank John Blue Trailing Sprayer
John Blue 4-Ton Trailing Spreader with Hyd. Brakes - $3525!

MISCELLANEOUS:

(2) IH 50 Shredders - Old Price!
IH 56 Blower - Old Price!
35 Hyd. Rake - Old Price!
2250, 2350 & 2450 Loaders
1350 Grinder Mixer
530, 540, 550, 560 & 575 spreaders

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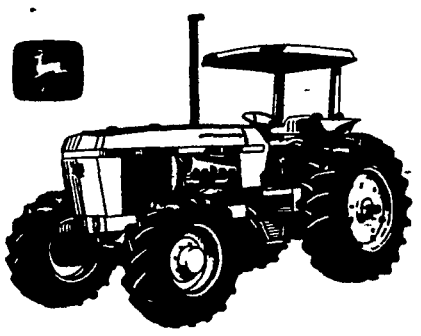
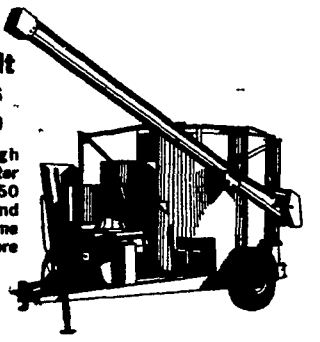


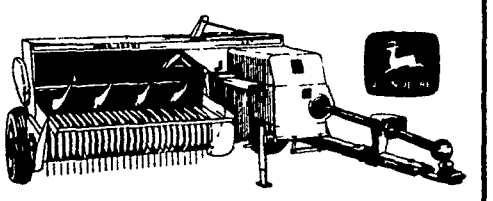
Here's 80 hp with extra pulling power: the John Deere 2940 with front-wheel-drive option-
$20,785.00

Grinders built for tractors over 100 hp

Team a high horsepower tractor and a 700/750 Grinder/Mixer and you'll spend less time grinding. Save more time for other jobs.



MODEL 750
130 Bushel, 1000 RPM, Auger Feed
$8450.00



JOHN DEERE 346 BALER
$6378.00

There's an 8½-foot 660 Rake here... set up just for you

Rake all the hay laid down by a 9-foot mower or 9-foot mower-conditioner. And do a good job of it with a 660 Rake. You get five bars, and rubber-ball-joint teeth are standard

660 RAKE w/HITCH AND JACK **$1756.00**

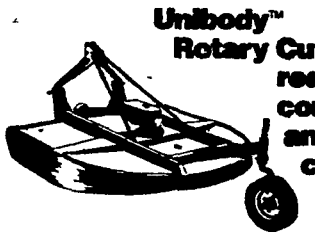
660 RAKE w/FRONT GAUGE WHEEL **$1795.00**

Keep your operation rolling with our faster unloading speed

The John Deere 714A and 716A get you unloaded and back to the field in a hurry. Our top unloading speed is a fast 11.5 feet per minute to keep your operation rolling smoothly.

MODEL 714
14 Ft., 540 RPM High Sides with 3Rd Beater, Roof and 1075 - 10 Ton Running Gear
$6995.00

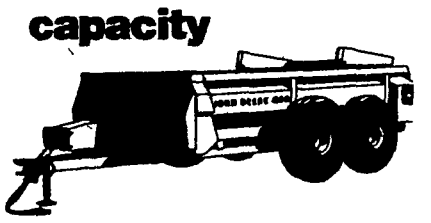
Unibody™ Rotary Cutters... ready for cornstalk and brush cutting



It's hard to cut cornstalks or brush efficiently, except with one of John Deere's Unibody family of rotary cutters.

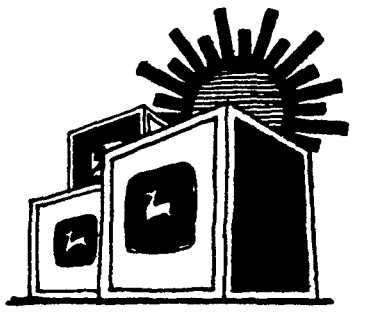
Model 506 - 5 Ft., 540 RPM	$695.00
Model 606 - 6 Ft., 540 RPM	$1220.00
Model 709 - 7 Ft., Heavy Duty 540 RPM	$1899.00

300-bushel capacity



It's here! One of the biggest spreaders John Deere has ever built. The 300-bushel 660 Spreader. And what a list of standard features! Lifetime-warranted all-steel sides, tandem walking-beam wheels, hydraulic shift control, fully hinged shielding, and worm gear drive.

$5820.00



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Yes, we have the John Deere parts you need ... from tillage to harvest. We're ready for the season ahead. Are you? Call your order in. We'll have those parts on their way to you the same day.

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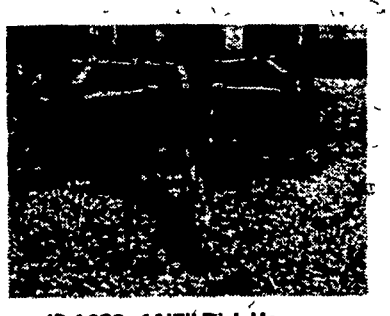
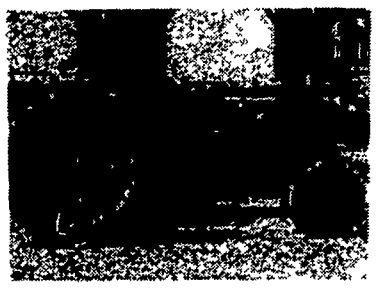


JD 1630 - 11'7" Disk Harrow
$4250.00

JD 7000 - 4 Row Wide with Insecticide, Fertilizer, Monitor, Like New
$5500.00



JD 2020 Gas
$4850.00

JD 1209 Mower Conditioner - 9 Ft.
$2800.00

JD 466 Baler
$4500.00

Gehl 1500A Round Baler
$4450.00

USED MOWERS

NI 3 pt. Mower	$700
Triumph Hi-Way Mower	$1000
Mohawk 960 Rotary Mower	$1350
JD25A Flail Mower	$1250
JD 25A Flail Mower, Like New	$1250
NI 3 Pt. Mower 7 Ft.	$700
Bushhog 14' Rotary Cutter	$1800

USED SPREADERS

NI 213	$825
NI 212	$650
NH 512	$1350
NI 214	$1850
NH 510	$1575
NH 328	$800
NH 518	$1950
NI 213	$1650
NI 213	$1800
JDN	$600

USED PLANTERS AND GRAIN DRILLS

JD 13x7 Grain Drill with Fert. & Grass Seed	$1000
IH 10 Grain Drill	$1250
JD 494 A - 4 Row, Plate w/fert. Insect. Seed Disk Openers	$1150

USED TILLAGE

JD 9' Spring Tooth Harrow	$450
Brillion LFM 9' Pulverizer	$375
Dunham 10' Packer	$600
JD 350 - 5 Bottom Hydraulic Reset Plow	$3250
JD 1600 - 12 ft. Chisel Plow	$1795
Wing Fold AC 18' Field Cultivator	$2250

USED HARVESTERS AND ATTACHMENTS

NH Super 717 with 2 Row 717R2 Corn Head	$2250
Fox 3000 Harvester	$1650
NH 1 Row 717 Corn Head	$775
NH 717 Harvester with 1 Row 717 R1 Corn Head	$1150
IH 55 Harvester w/2 Row Wide Corn Head	$1000
NH 707 Harvester	$2350
Fox 2 Row Narrow Corn Head	$375
NH 770 Snapper Head	$1350
Fox 2 Row Narrow Corn Head	$750

USED MOWER CONDITIONERS

NH 469	$2250
NH 469	$2650
NH 479	$2795
NI 270 Cut Ditioner	$2450
NH 477 Haybine	$2675
Owatonna 275 Hydrostatic Windrower w/12' Auger, Crimper Pickup	$2950
NH 467 Haybine	$350

USED SKID STEER LOADERS AND BACKHOES

NH L35 Gas (Low Hours)	$13,000
NH L 778 Gas	$7500
NHLB11 Backhoe	$2450
NH T330 Trencher	$2400

USED BALERS

NH 277 Baler	$3950
NH 68 Baler	$1250
JD 24T Engine Baler	$1995
JD 224T Baler	$2450
NH 68 Baler	$1550
NH 68 Baler	$1500
MF 10 Baler w/Thrower	$800
NH 268 Baler w/Thrower	$2400
NH 269 Baler	$2650
NH 271 Baler w/Thrower	$1950

USED RAKES

NH 260 RH, 9½ Ft.	$1435
NH 258 w/Hydraulic Drive	$1795

USED CORN PICKERS

NI 323	$3000
NI 323	$2000
JD 237 Mounted	$800
NI 323	$2650
NI 324	$3250

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Massey 165D	$4850
Ford 901G	$3200
JD 3010D Wide Front	$5850

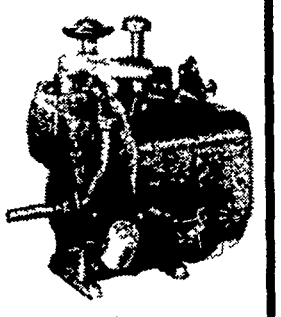
USED WAGONS AND GEAR

NH 8 with 234 Gear	$3300
JD 216 with 1065 Gear	$3250
Woden Bale Box with 8 Ton Gear	$1250

WISCONSIN VH4D ENGINES

SPECIAL 25% DISCOUNT

MODEL VH4D



Bore.... .....3¼"
Stroke .....3¼"
Piston Displacement - cu. in.....107.7
Horsepower —
1400 R.P.M. 17.2
1600 R.P.M. 20
1800 R.P.M. 22.5
2000 R.P.M. 24.7
2200 R.P.M. 26.5
2400 R.P.M 28
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4 to 1 Clutch Reduction 12 Volt Starter and Belt Drive Alternator

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VH4D with Clutch Reduction,
Std. Shaft
12 Volt Starter
With Alternator and Tank **$1795**

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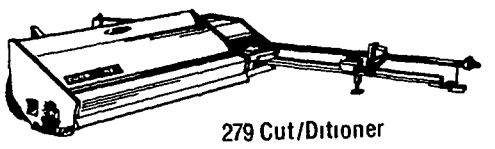
New Equipment Special...

NEW MODEL 279 NEW IDEA CUT/DITIONER



279 Cut/Ditioner

9 Ft. 3" swath, hydraulic lift with single acting cylinder, and all plumbing, all standard equipment, 540 RPM hvy. duty 1-3/8" PTO drive, multi-position tongue adjustable from tractor seat, tongue jack, and high flotation rubber tired wheels. .

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Deutz	Uni-System		

Wholesale inquiries invited We will be stocking many but not all of the clutch parts we have available Allow 3 to 4 days for non-stock items

Rebuilt TA assemblies in stock for IH tractors, New and Rebuilt, Water Pumps, Dynalife clutches, pressure plates, and PTO drive shafts (are spline fitted into pressure plate, IN STOCK for tractors A, B, C through 1586, also for most models of IH combines **IH dealer inquiries invited on our parts & prices!**

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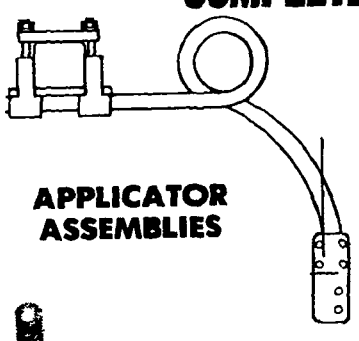

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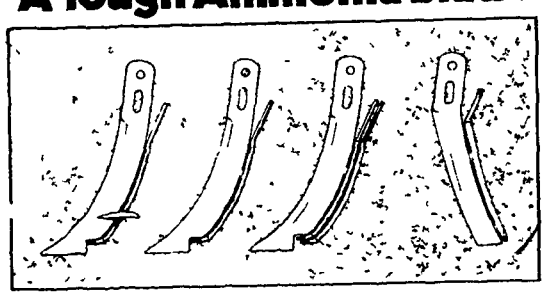
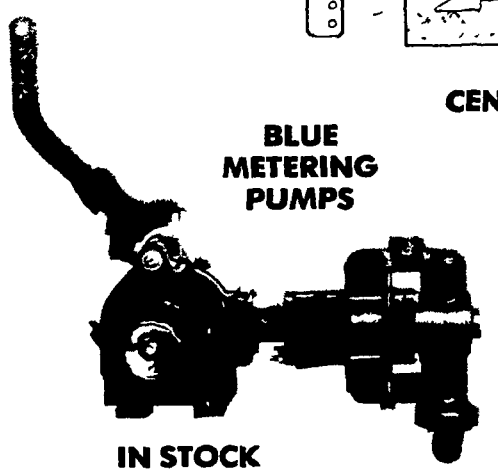
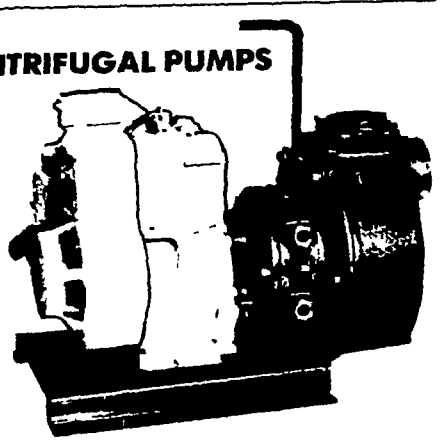
A Tough Ammonia Blade





BLUE METERING PUMPS

CENTRIFUGAL PUMPS



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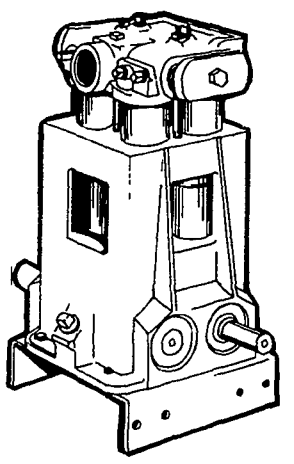
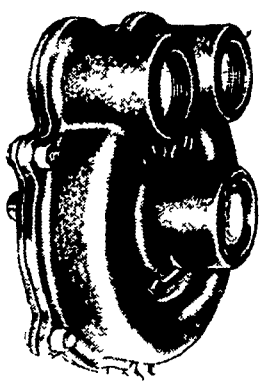


JOHN BEAN PISTON PUMP

DELAVAN® Turbo™ 90



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List $197.50

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$125.00
Without Coupler

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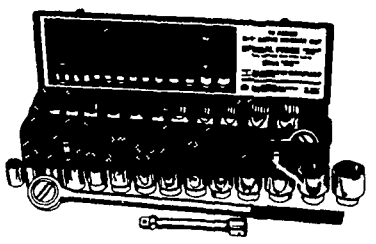
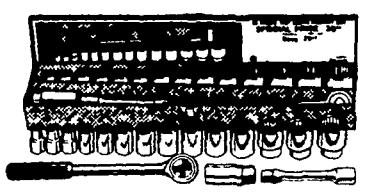


17 PIECE
¾" DRIVE SOCKET SET
Special **$99.95**
Regular $168.38
(Total individual piece price)



21 PIECE
½" DRIVE SOCKET SET
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Regular $68.07
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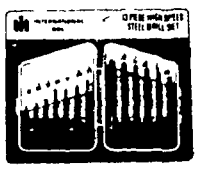

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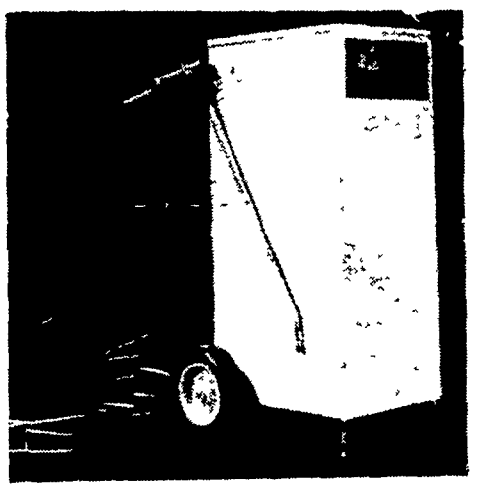

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....Eight foot wide inside by Eighteen feet long.
....Rugged square steel tubing.
....Fold down front gate w/diamond plate platform.
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....Unload from side, front or rear.
....Solid oak floor.
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....With New 9.5Lx15 tires.
....Backed by Hoober Parts and Service.

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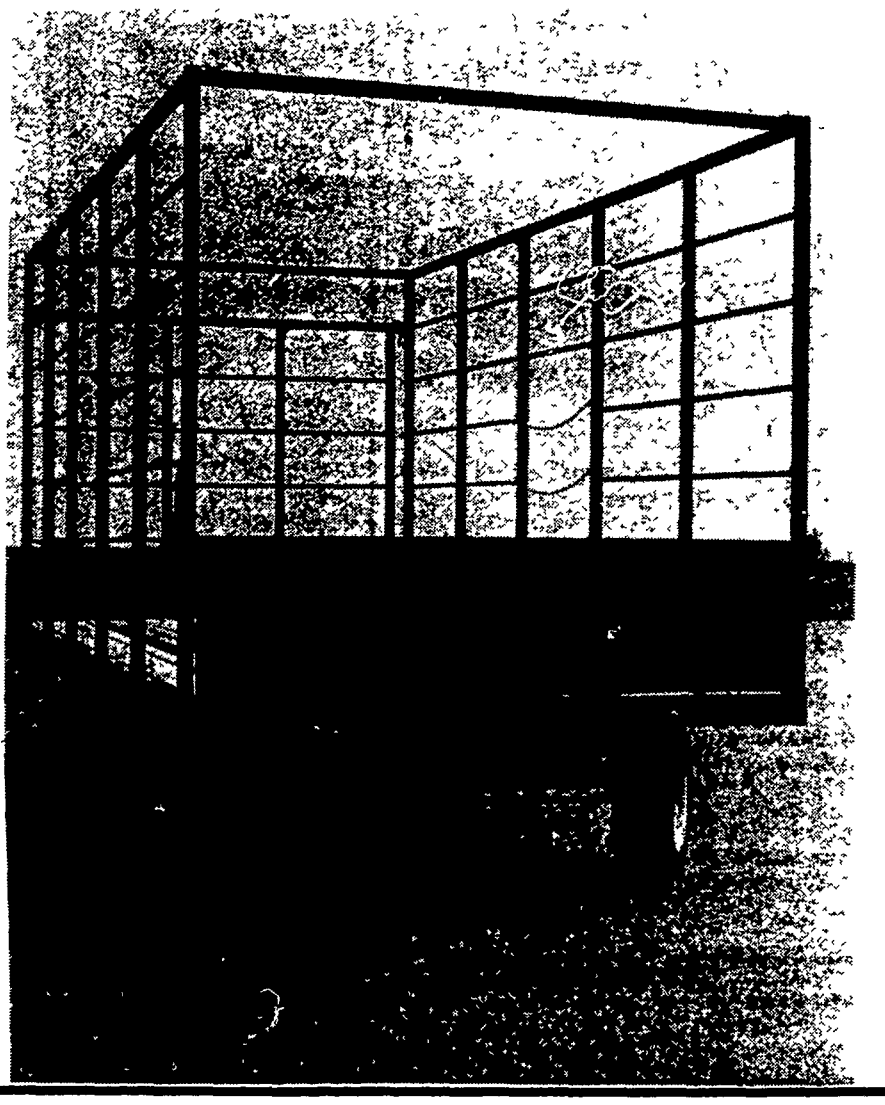

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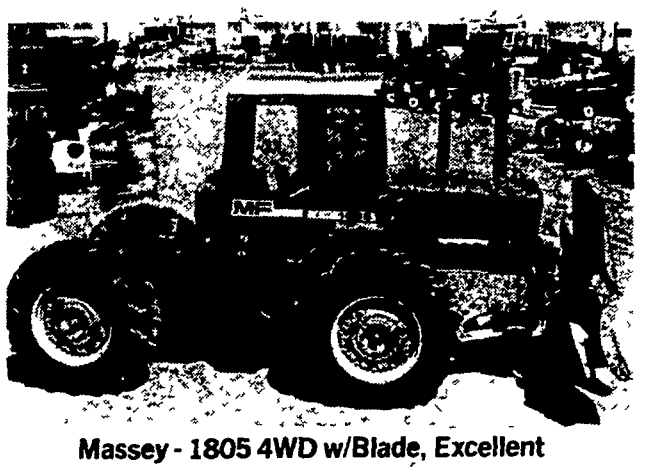


Massey - 1805 4WD w/Blade, Excellent

Case 2670 4WD, 30.5x32 Tires, PTO, 3 Point

F1086D w/Cab, New Rear End, 2100 Hours

USED EQUIPMENT

TRACTORS and MACHINES ARE MOVING. If you're looking for a piece of good used equipment and its not listed below, Call us anyway, could be we just traded what you want.

TRACTORS

IH - F1256D
IH - F1586D w/30.5x32 Tires
5255 IH - 1466 Tractor
5583 IH F806 Tractor
6406 IH F806 Tractor
6073 IH 766D Tractor w/Cab
5760 I - 706D Tractor
5660 F706D Tractor
5163 IH 706D Tractor
6186 IH 656 Hydro Tractor
6413 1-464G w/Dunham Loader
6005 I - 464D Tractor
5980 F - 450 G Tractor
5642 F444 Tractor
4307 IH - Farmall 400 G Tractor
6035 Case 2670 Tractor 4WD Tractor
6165 Deere 4020 D Tractor
6328 Melroe 444 Bobcat Skid Loader
6109 IH 2000 Loader
6161 IH 2000 Loader
IH - F1586D, 20.8x38 Duals
6435 IH 1066 Hydro
MF 1805 4WD w/Blade
IH F 544D
IH F 1086 D w/Cab
IH 125 Series C Crawler, Loader
Ford 4000D SU

DISC HARROW & FIELD CULTIVATOR

6072 IH #37 Disk
5828 IH 470 21' Disk
6280 Krause 2416 Disk
5842 J.D. 440 12' Offset Disk
5440 J.D. KB Disc Harrow
6330 J.D. 1630 Disk
6332 J.D. 310 12'6" Disk
6421 J.D. BWA 11' Disk
6033 A/C 4500 20' Offset Disk
5001 A/C 16' Disk
4969 Miller 12' Disk
5135 Bushhog 1445 Disk 25'
5538 Pittsburgh 10' Disk w/cyl
6036 Case 20' Disk
5393 MF 18' Offset Disk
6025 Dunham 12' Packer
6434 AC 3300 Disk 20½'
Dunham 42319 Wing Cultipacker
Deere 210 Disk 12'

PLOWS

5701 IH #10 Subsoiler
6373 IH 700 5F 16" Plow
2741 IH Trailing 3-14" Plow
3165 Oliver - 6F Plow
6254 1 Bottom for Farmall Cub (IH)
6255 Cultivator for Farmall Cub (IH)
4848 Glencoe Soil Saver 7 Shank
5889 Glencoe 13 tooth Soilsaver
6331 J.D. 14 Tooth Chisel Plow
Glenco Soilsaver 11 Shank

PLANTERS & DRILLS & SPRAYERS

2240 IH 400 Planter 4R
3288 IH 400 Planter - 8R cycle
9903 1300 Cornplanter - 4 Row (JD)
2414 J.D. 494 Cornplanter
5321 IH #10 Grain Drill
5080 J.D 20x7 Drill ModelB
6237 FMC Trojan 10 gal Sprayer
2038 Bean 40 RC Sprayer w/Truck
6281 J.D 605 5 ton Fert. Spreader
6467 IH 510 Grain Drill 24x6 Plain
IH 10' Fertilizer Drill
IH 510 Drill 24x6 Plain

COMBINES

6252 IH 1440 Combine
6239 IH 1460 Combine
5782 IH 915 Combine
5742 IH 915 Combine
4148 IH 815 Combine
5928 IH 815 Combine
6126 IH 503-C Combine w/430 w/n Cornhead, w/13.5' Grain Platform
2210 IH - 91 Combine
5536 J.D. 6600 Diesel - Gear Combine
4823 J.D. 4400 Combine Diesel
6389 J.D. F105 Combine
6387 J.D. 95 Combine
5413 J.D. 45 Combine w/10' Platform & 235 Cornhead
4877 A/C - Gleaner GKS
6098 NH 975 Combine
5838 NI 704 V6 Uni-System w/717 Combine
6396 AC Gleaner MKS

ALL NEW & USED PRODUCTS BACKED BY **HOOBER PARTS & SERVICE**

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

C.B. HOOBER & SON INC.

INTERCOURSE, PA (717) 768-8231 AUTHORIZED UPS STATION

master charge VISA

FARM EQUIPMENT

Ford 3 pt 4-16" model 130 trip bottom plow, good condition, plowed 300 acres since new 5 yrs ago, $800 215-679-9145

One NH 315 baler with 58 thrower, like new condition $4800, 717-469-7351 mornings or evenings

FARM EQUIPMENT

NH 56 hay rake, good condition, Isaac E Beiler, 3900 Barnsley Chrome Rd., Oxford, PA Chester Co

For Sale - JD 2020 gas tractor with 450 hrs, #37 front end loader with hyd bucket, excellent condition, $5000/offer Baltimore Co, MD 301-833-9098

USED FARM EQUIPMENT WANTED

Used 40 to 50 h.p. diesel engine, good condition
703-434-2371

WHITE Farm Equipment

bobcat

KUBOTA

SPERRY NEW HOLLAND

USED EQUIPMENT

TRACTORS
Oliver 1850
Ferguson TO-30
Farmall M

TILLAGE - PLANTING
White 5400 Planter
MM 4-16 HAR Semi Mtd. Plow
Int. 249A 2-Row Planter

HAYTOOLS
IHC 990 Mower Conditioner
NH 469 Haybine
NH 1469 Self Propelled Haybine
NH 68 Baler w/Thrower
NH 30 Ft. Elevator
Oliver 620 Baler w/Thrower
JD 24T Baler w/Thrower

FORAGE TOOLS
NH 880 R2-2-Row Head
NH 707 Harvester w/1-Row
NH Super 717 w/1-Row & Pickup
NH 717 Harvester w/1-Row
IHC 650 w/2-Row & Pickup
Gehl 300 w/1-Row & Pickup
Lamco 16' Forage Box w/roof

CORN PICKERS & COMBINES
JD 227 Picker
IH 91 Combine with 10' Head

SPREADERS
NI 213 Single Beater
NH 518 Spreader

NEW EQUIPMENT IN STOCK

WHITE
2-30 Two Wheel Drive
2-30 Four Wheel Drive
2-45 2&4 Wheel Drive
2-62 Tractor
2-105 Tractor
2-135 Tractor
WHITE
543 6R Planter No Till
5100 4R No Till
5100 6R No Till
WHITE 254 10'4" disc
WHITE 256 12'6" disc
WHITE 458 Chisel Plow
WHITE 466 Chisel Plow
N.H. L425 Loader
N.H. 310, 315 Balers
N.H. 256 - 258 Rakes
N.H. 707, 718, 782, 892 Harvesters
N.H. Spreaders - 513, 519, 679 & 800
Vicon 3 pt. Fert. Spreader
Bobcat 530, 641 & 743
Tye No Till Drill
Glenco 7' Soil Saver

DUNHAM - BRILLION - LAMCO - BOBCAT -

NORMAN D. CLARK & SON
Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South Port Royal on Rt. 75

DISTRIBUTOR OF CENTRAL TRACTOR PARTS CO.

USED TRACTORS:
JD 70 diesel $1875

JUST ARRIVED
NEW MF TRACTORS
2705 - 285 - 255 - 220 - 210 - 205

ALL DIESEL'S NEW TRACTORS:
WHITE 4-175 4 Wheel drive w/all extras
WHITE 2-45 2 Wheel drive
White 245 4 WD demo.

USED COMBINES:
MF 760 (1978) Turbo 6 w/Hydro trans. A/C Cab Dsl. $42,795
MF 750 (1978) Turbo 6 Dsl. w/Hydro trans. A/C Cab $42,700
MF 750 (1977) Turbo 6 w/hydro trans. $39,700
IHC 205 Combine w/cab, 227 corn head, 10' grain $9850
White 8900 Corn & Soybean Diesel combine, air/heat/cab hydro, trans., 13' grain table, 704N cornhead. 1977 model, very good cond. $37,380.
MF 410 diesel w/air cab & grain head $13,700
OL 525 w/heads $8750

USED CORN PLANTERS
2 IH 400 cyclone, 6R, no til $4250
IH 4R no-til, 1 yr. old $4150
2 AC dry fertilizer, 6R, no-til $2875
White 5400 plantaire planter 6 row, 1 yr. old, $6895
White 5100 seed boss planters 4,6, & 8 row no-til

MISCELLANEOUS
New 350 GT grain dryer - Special Price
MF 15 grinder mixer 1978 $3498
10' Versatile SP Swather, & conditioner $1895
Fox 2310 1000 R.P.M. w/new 1 row belted head & P.U. $6895
660 Fox ensilage blower new $1995 cost $1485
MF 54 ensilage blower new $1195
KB 200 Kools grinder & blower $2195
54 Kools blower $495
SB 25 Farmhand wheel rake (1979) $975
IHC 6x16 mtd. plow spring trip $1945
OL 2 bottom pull type plow 2x16 $475
Kuker 200, 300, 400 gal. trailer sprayers
New Brady field cultivator 20½' fold up

GUS FARM EQUIPMENT, INC.

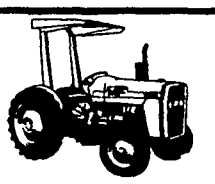
CHOICE PACE VISA

Intersection of Routes 616 & 214
Seven Valleys, PA
(717) 428-1967

WHITE Farm Equipment

MF Massey Ferguson

FARM EQUIPMENT



MF Massey Ferguson

TRACTORS & EQUIPMENT

IH 2400 Dsl. Tractor w/Loader
IH 460 Tractor
IH 340 Farmall Tractor
IH 300 Farmall Tractor
IH 684 Tractor
IH Cub Tractor w/Mower
IH 3414 Tractor w/Loader
MF 203D Tractor w/Loader
MF 135 Tractor
MF 40 Dsl. Tractor and Loader
MF 35 Tractor
Ford 6000 Tractor
(3) NH 36 Crop Chopper
NH 270 Baler w/thrower
NH 269 Baler w/thrower
Hesston #10 Stacker
NH 1033 Bale Wagon
MF 760 Combine w/Grain Table and 63C Cornhead
MH 35 Combine
IH 915 Combine
Brillion LGS 144 Pulverizer
Brillion 12' field cultivator
NH 510 Manure Spreader
NI 213 Manure Spreader
IH #14 Rake

NEW M.F. EQUIPMENT

MF 1085 Demo Tractor
MF 275 Tractor
MF 245 Tractor
MF 285 Demo Tractor
(2) MF 2705 Tractor
MF 255 Diesel Tractor
MF 230 Diesel Tractor
MF 230 Turf Tractor
MF 220 Tractor
MF 210 Dsl. Tractor
(2) MF 205 Diesel Tractor
MF 50C Tractor and loader
MF 20C Tractor w/Cab & Loader
(2) MF 124 Baler
MF 246 Loader
(2) MF 216 Loader
MF 640 Corn Planter
MF #43 2B Plow
MF 520 Disc Harrow 12'
MF 520 Disc Harrow 14'
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 33 17 Run Grain Drill
MF 218 Rotary Cutter

S.G. LEWIS & SON, INC.
R.D. 2 Box 66 West Grove, PA
215-869-2214

FARM EQUIPMENT

NEW EQUIPMENT

TRACTORS
JD 850
JD 950
JD 1050
JD 2240
JD 4240 w/SG & QR
JD 4040 w/R SOLD

TILLAGE EQUIPMENT
JD 210 11' 5" Disc
JD 215 11'5" & 12'10" Discs
JD 950 12' Harrow
JD 415 Rotary Hoe
JD RM4 cultivator

HAY TOOLS
JD 1209 Mower Cond.
JD 660, 670 Rakes
NH 474 & 489 Haybines
NH 258 Rakes
NH 256 Rakes
Thrower for 320
Matthews 9E Rotary Scythe
H & H 18' Bale Bodies
NH 1037 Bale Wagon

COMBINES & HEADS
JD 643 Head
JD 6620 Combine
JD 7720 Combine

FORAGE EQUIPMENT
JD 3940 Fg. Harvester
NH 782 w/822 Head
NH 8 Forage Box
NH 28 Blower

OTHER EQUIPMENT
JD 146, 148, Loaders
JD 506 Mower
JD 965, 1065 Wagons
JD 45, 78, Blades
JD 392 Spreader
NH 513, 519 & 679 Spreaders
NH 14, 230, 234 Wagons
Century 300 & 500 gal. Sprayers

New JD 7000 Conservation 4 Row & 6 Row Planters
Used JD 7000 6 Row Reg. Planter
DeKalb Seed Corn

USED CORN PLANTERS
JD 1300 Plateless 6R . $1000 ~~$1250~~
JD 494A. . . . . $750 ~~$900~~
f.o.b. as is our store

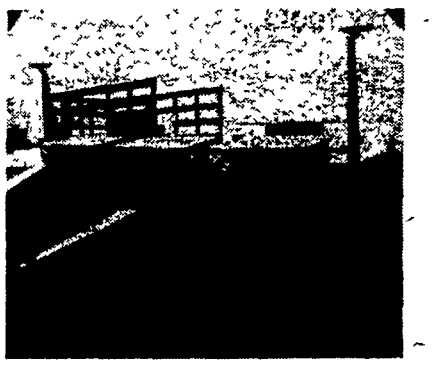
USED NH 1495 HAYBINE, FULL CAB, $14,000

SPERRY NEW HOLLAND
DeLAVAL JAMESWAY

FREE FINANCING ON SOME ITEMS

I. G. SALES
Silverdale, PA 18962
215-257-5135

JOHN DEERE
Quonset Buildings



JD 7000 6 RN Planter, Dry Fert. Insecticide Att., Min-till coulters, monitor, very clean, field ready
$6995

IH model 485 20' wingfold Disc, Furrofill Att., HF tires, tires, like new
$7100

JD 4400 G combine (clean) 13' grain platform

USED TRACTORS
Ford 4000 w/Industrial loader
Farmall 300 utility
Farmall H
JD 50
Farmall cub w/5' mower
JD 2020 D w/47 loader, new paint & rubber

HAY TOOLS
NH 273 baler w/thrower
JD 24T baler w/thrower
JD 115 chuck wagon
NH #7 forage wagon
JD 1209 mower-conditioner (rebuilt)
3 used wagons
Good selection of Lawn & Garden Tractors

PLANTERS
JD 7000 6RN
JD 494 A N 6 RN
Case 4 R

TILLAGE
IH 485 20' disc
3 JD RWA discs
Cobey wheel disc
JD 2 R rotary hoe
JD 6 B 16" F145 plow

OTHER EQUIPMENT
Woods 4' mower
Woods 6' 3 pt. mower
Woods 6' pull type mower
Woods C80 mower
Ford flail mower, like new

NEW EQUIPMENT
2 JD 7000 conservation planters, dry or liquid fert., ready to go
JD 1508 15' wingfold rotary mower
JD 210 11' 5" disc
JD 210 12' 10" disc
JD 3940 harvesters
JD 450 spreader

NEW TRACTORS
650, 750, 850, 950, 1050, 2040, 2240, 2640, 2940, 4040, 4240

SPECIAL ON SATOH MITSUBISHI TRACTORS

Model	List	Sale
Beaver w/turf	$5080	$3900
Beaver III w/turf	$5556	$4300
Buck w/turf	$6002	$4600

ROBERT E. LITTLE, INC.

Zieglerville, PA - 215-287-9643

GOOD USED EQUIPMENT

Farmall H tractor
IHC model 350 trailing disc harrow 11'6" good cond.
Leyland model 2100, 100 hp. w/16.9x34 dual wheels 1400 hrs. w/cab, clean
Used NI #279 cutditioner, like new
JD 13x2 grain drill, double disc openers good condition
IH 3 btm. semi-mtd. fast hitch plow
IH #710 4 F auto reset plow
IH 4120 Skid loader w/2 buckets
F-140 w/culti., ldr., plow, & mower, exc. cond.

NEW IDEA

L.L. ECKROTH FARM EQUIPMENT, INC.
Rd 2, New Ringgold, PA
717-943-2367

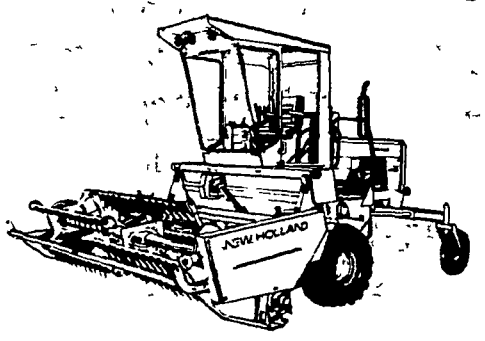
RENTAL

SPECIALIZING IN RENTAL OF
SKID LOADERS & BACKHOES

STOLTZFUS MFG. CO.
R.D. #1 Box 700
Honey Brook, Pa. 19344
Phone - 215-273-3376
or 215-273-3050

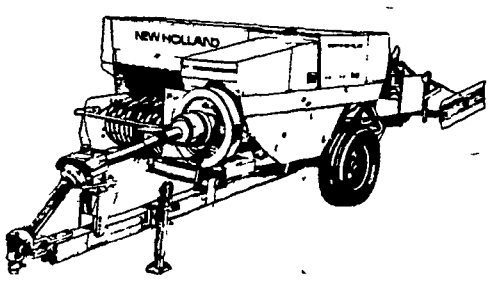
MESSICK FARM EQUIPMENT

MESSICK'S Are Recognized As A Leader In Hay and Forge Equipment...
So Before You Buy - SEE THE EXPERTS!



1495 Haybine® Mower-Conditioner
12 Ft. cut with 9 ft. conditioning rolls for faster drying action.

GET A GREAT DEAL ON SPERRY NEW HOLLAND HAY TOOLS!



Now's the time to buy because we're moving our complete stock of hay tools.

REAL GEMS

- ★ I.H. 986 D. Cab, Air, Weights, only 275 Hours.
- ★ I.H. 966 D, Cab, 2200 Hrs. Excellent.
- ★ N.H. Model 490 12 Ft. Haybine
- ★ I.H. Model 1190 Mower-Conditioner, Excellent.

COMING SOON...*NEW*-NEW HOLLAND 1900 FORAGE HARVESTER

WANTED USED SELF PROPELLED HAYBINES AND FORAGE HARVESTERS

GOOD CLEAN USED EQUIPMENT

USED TRACTORS
Farmall Super C, Fast Hitch
Farmall C w/Cultivators
IH 986 D, Cab, Air, Weights, Only 275 Hours, Like New
IH 966 D w/Cab
Oliver 77 Tractor
IH 284 Flotation Tires, 6' Rotary Mower, Used 26 hrs.

USED SPREADERS
NH 519
NH 510
NH 362 Tank

PLANTERS:
New IH 800, 6 row, Rally Equipped
Used IH 400, 4 Row, Excellent
Used J.D. 494A, 4 Row
Used J.D. 494A, 4 Row

USED HAY EQUIPMENT

BALERS:
NH 320 Balers (1 yr. old)
NH 315 Baler w/Thwr
NH 276 Baler w/Thwr
IH 37 Baler w/Thwr
IH 46 Baler
Oliver 520 Baler

RAKES:
NH 258 Rakes (1 yr. old)

MOWER CONDITIONERS:
NH 479 Haybine
IH 990 Mower-Cond.
NH 490 Haybine 12 ft.
Rotary Mower, 3 pt. Hitch
IH 1190 Mower Conditioner

USED TILLAGE
Oliver 3 Bottom
IH 400 Planter, 4 Row
IH 531 Plow
Oliver 565 Plow, 4 Bottom 16"
Athens 13' Disc Harrow Excell. Cond.
Ford 8' 3 pt. Disk Harrow
IH 37 Disc Harrow

USED FORAGE
NH Super 717 Harv.
IH 650 Harv.
NH #8 Wagon Fully Equipped
J.D. #66 Blower
IH 56 Blower

USED MISC. EQUIP.
New Idea Lime Drill
Several Used Cub Cadets
Gehl 2500 Skid Loader
NH #33 Flail Chopper
Twin Rower to Pull 2 Rakes

MESSICK FARM EQUIPMENT, INC.
RHEEMS EXIT - RT 283, ELIZABETHTOWN, PA
PHONE 717-367-1319, 653-8867
WARREN SPICKLER — HOME 653-4560 RAYMOND MILLER — HOME 653-8762

JOHN DEERE *Nothing runs like a Deere*

USED MACHINERY

TRACTORS:
JD 2040 D WF 1100 hrs. . $6500
Farmall M w/M&W 2 Spd . $1300
JD 2010
Oliver Super 77 . . . . . $900
JD Cyclone A $1050
JD 4320 w/cab $14,900

COMBINING:
JD 95 Cab - 4xN - Grain. $10,900
JD 237 MTD Picker $1400
JD 6620 side hill combine, 1980 model w/16' platform $61,300

MISC.:
JD 336 baler w/30 ejector, like new $4200
Mayrath 34' elevator . . . $900
JD 643 corn head $10,900
MF 12 baler w/thrower. . . $1500
JD 16A chopper $1800

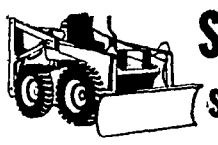
FORAGE:
NH 890 w/2XN - Pick Up Controls $6400
IH 650 w/2XW - Pick Up . . $1500
IH 555 w/2XW - Pickup. . . $1400
JD 3800 Long Tongue for Parts. $1100
2 Dion wagons, 3 beaters, roof . . . . . $2,700 ea.

TILLAGE:
White 10' transport disc . $1600

PLANTERS:
IH 6 Row 400 Cyclo w/Mower. $2300
JD 1250 6 row plateless w/monitor. $1900
IH Cyclo 4 row no-till $2500
JD 246 3 pt. w/insecticide $585

WINELAND EQUIP. INC.
RD2 Rte 164 East
Martinsburg, PA 16662
Phone 814-793-2109

SCHAEFFERSTOWN EQUIPMENT



SCHAEFFERSTOWN, PA
½ Mile N. of Schaefferstown on Rt. 419
Phone 717-949-6529

ALL MACHINES REPAIRED AS NEEDED — CLEANED & PAINTED.

WE BUY USED EQUIPMENT

WE ARE A DEALER FOR CUSTOM TRAILERS

BACKHOE LOADERS
Case 580B 1975 w/cab $15,500
Case 580B $11,500
Case 580 Dsl. $9000
Case Backhoe Loader $4500
Cabot Hyd. Excavator Det. Dsl. $8500
IH 3414 Diesel $7000
JD 400 Backhoe/Loader w/3 pt PTO, overhauled $9400
JD 400 Dsl. excellent & overhauled $9000
Ford 4500 w/ROPS $9500
Ford Backhoe $5400
Ford Backhoe $5200

CRAWLER DOZERS
Cat 46A real clean $42,000
Cat D4 40A Good $11,500
Cat D7, Hyd. Blade $7500
Cat D8 2U Cable $8500
Cat D6, hyd. $6500
Letourneau pull pan $1600
JD 350 6-way angle Blade New Undercarriage $9000
JD 1010 Dsl. w/winch $5000

CRAWLER LOADERS
(2) IH 175 4 in 1 bucket, clean $10,500
JD 450 Sharp $12,000
JD 450 w/ROPS, good $12,000
Cat 955H 60A $10,000
IH TD6, 4-in-1 bucket, excellent cond. $8500
IH T340 Dsl. 4-in1 Bucket w/ripper $7000
Cat 977K w/ripper & cab Good $24,500
AC HD7G $6500
AC HD5 $4200
AC HD5 $3450
Case 1150 4-in-1 bucket $7500

AIR COMPRESSORS
LeRoy 105 $3500
Jaeger 105 $2000
Chicago Pneumatic 125, O.H. $3000

ROLLERS
Fordlane Paver, ex. cond $3100
3 Ton Tandem $2000
1 Ton Roller $2000
1 Ton Roller $1000
1 to 3 Ton Vibra - Pac $2800
3 to 5 Ton Tandem $4500

SKID STEER LOADERS
JD 24 $4800

GRADERS
Huber Wargo Dsl. w/Cab $5000
Galion 118 Dsl. w/cab $6500
AC D4 $4500

TRAILERS
1979 CMI Folding Hydr. Gooseneck 30 ton $29,500
9 Ton Tag-Along $1400
9 Ton Tag-Along $2000
9 Ton Tag-Along new heavy duty $5100
12 Ton Tag-Along $2000
12 Ton Tag-Along $2750
15 Ton Gooseneck, S.A. $3500
25 Ton Gooseneck Tandem Axle Double Drop $5500
Approx. 1½ Ton Tandem Axle Tilt Trailer w/winch $1200
4 Horse Imperial Deluxe $2800
1 Ton Roller Trailer $800
New Trailers - All sizes and prices Call

TRUCKS
1975 Dodge ¾ ton 4x4 clean $3500
1974 Doge Tri-Axle Dump Dsl. 175,000 Miles Left on Engine Warranty, good $17,500
1965 Int. Dump S.A $3200
1956 White 18' bed S.A. $1800
1967 GMC ¾ ton w/utility box $800
1970 Chevy w/20' bed S.A. $2500
1975 Plymouth Fury 6 cyl. $2000
1973 Buick Riviera $1500
1969 Ford sgl. axle dump, good $6900
1965 Ford ¾ Ton $450
Int. Tandem Axle Dump $4250

WHEEL LOADERS
AC TL16 Diesel $7500
Hough 70, 4x4 3 to 4 yd. good $14,500
Hough 30, 1 yd. good $3500

MISCELLANEOUS
MF 180 Tractor $5250
Ford Corn Planter 2 Row 3 pt. Ex. $450
16' Dump Box excellent $2650
5 ft. Rotary Cutter $465
Pavement Breaker 90 lb. $350
3 pt Landscape Box $375
Assorted Loader Buckets
6 ft. Angle Scraper Blade 3 pt. $175
16 h.p. Bolens Riding Tractor w/mower excellent $1850
Myers Snow Plows Electric/Hydraulic/Angle $1000
17' Dico BlockUnloader, Complete $2500
Davis Trencher w/Backhoe 30+4 $7500
Davis Trencher 30+4 $5000
Davis Trencher 300+ $3000

FARM EQUIPMENT

WHITE Farm Equipment

FIELD QUEEN FORAGE HARVESTERS

NEW EQUIPMENT SPECIAL PRICE ON WHITE TRACTORS
2-135 20.8x38, Air
2-30 4 Wheel Drive
8700 Combine
9700 Combine, (Axial)

New White Planters 4,6 &8 Row

NEW HARVESTERS
Fox 6354
Fox 3310
NI 708 Uni w/717 Combine
Hesston 6550 12' Windrower

Special Price On Artsway Dion Forage Wagons

USED TRACTORS
White 2-70 w/Cab & Loader
Kubota 175 w/Loader
Oliver 1600D Tractor
Oliver 77 Tractor
JD 2510 Gas, New Paint
JD A
Ferguson 35 w/Loader

USED HARVESTER
NH 1895 4 WD, 3 Row Auger Head, Pickup, Excellent, 230 hrs.
NI 705 Unit w/3R
NI 702 Diesel
Fox 3000
NH 890 3R & Pickup

USED EQUIPMENT
Gehl Side Dump Wagon
(3) JD 216 Fg. Wagons, 3 btr. & roof
NH 1012 Bale Wagon
Bush Hog 10' Offset Rotary
Brillion 9' Rotary
JD 7000 4R Reg. Planter
White 5400 6R No-Till Pltr.
IH Cyclo 500 8 Row No-Till Planter
AC 6R Liquid Planter w/No-Till
MF 4R Planter
IH 56 4R Planter
IH Cyclo 6R Planter
JD 220 Sgl. fold 17½' Disk (like new)
AC 15' heavy duty Sgl. Fold Disc
NI 325 2RN Picker
NI 324 2RW Picker
NI 279 Cut/ditioner
NI 270 Cut/ditioner
Hesston PT10 Windrower
NH 461 & 479 Windrowers
SS9 Glencoe Soil Saver
NI 710 Combine
Lely 18' Double Wheel Rake
JD 8R Cultivator
Hawk Bilt 2155 Roll Top
Starline 3200 gal. Super Tanker w/chisel injector
Hesston Stack Hand 10
Short Block GM 478 for 705 Uni
Better-Bilt Hi-pressure Vac. Pump

STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407

FARM EQUIPMENT

Ag-Industrial Equip. Co.

ALLIS-CHALMERS · SPERRY NEW HOLLAND · KUBOTA · NEW IDEA · Brillion · GANDY · Vicon

SPECIAL PRICES ON SPREADERS IN INVENTORY ONLY
OFFER EXPIRES MAY 15, 1981

	List	SALE
NI 213	3731	3200
NI 214	4168	3666
NI 243	5254	4285
NI 244	6739	5742
NI 213 Box	3076	2530
NH 519 Box	4408	3900
NH 679 Box	6288	5530
NH 363 Tank	5177	3356
NH 368 Tank	8127	5550
NH 371 Tank	7711	6125

COMBINES
AC MKS w/6 RN 13' Platform
AC G w/15' Platform 4RW
NH 995 w/15' Platform

MISCELLANEOUS
Woods Mowers
NH 1012 Bale Wagon
JD Flail Mower
NH 365 Tank Spreader
NH 368 Tank Spreader

TRACTORS
Farmall 400
Farmall 300
(2) AC 7040
AC 175

HARVESTERS
NH 1890 Low Hours, Any Heads Avail.
NH 1880 Cat, Hydro
JD 3800 w/2 heads
Special Prices on New Machines

MOWER-CONDITIONERS
(3) NH 1495 Self-prop
NH 469
NH 495
(2) NH 479
NI 279 Cut-Ditioner
IH 5000 Self-prop

PLANTERS
AC 600 4-Row, Fert.
AC 4-Row, Liquid Fert.
AC 600 4-Row
AC 600 9-Row Bean Planter
AC 600 6R, Fert.

BALERS
NH 276 w/Thrower
NH 282 w/Thrower
NH 273 w/Thrower
3 NH 320 w/Thrower

GRINDER-MIXER SPECIAL
Interest Free Finance till 9/1/81
NH 353
NH 358
NH 359
Call us for trade

Large Parts Inventory and Modern Shop Facilities with Factory trained Specialists to serve You Better.

Sales Department Call
Ed Greenleaf
Bob Carroll Terry Greenleaf
Service Call Peck Ramsay
1207 Telegraph Road Rt 273 Rising Sun Md
301-658-5568 301-398-6132
215-869-3542
Immediate Financing
Hours Mon thru Fri 8 to 8 Sat 8 to 4
CLOSED SUNDAY

SKID LOADER SALE

	List	SALE
(New) NH 425	$13,500	$10,500
(New) NH L35	$16,700	$11,000
(New) NH L779 Dsl.	$22,200	$17,200
(New loaders include Dirt Bucket & Weight Kits)		
Rental NH 425		$6500
Used NH L35		$6500
Used NH L775		$8000
Used Case 1530B		$3500

All Sale Prices are no-trade only.
Good for machines in stock only.
New skid loaders are interest free financing till 9/1/81.

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICES

NEW EQUIPMENT
New Tractors
JD 4440 Quad, S-guard
JD 4240, Quad, S-guard
JD 4240 w/PS & S-guard
JD 1050
JD 950
JD 850

USED COMBINES
JD 7700 w/14' plat
JD 6600 w/443 4 RN corn head
Massey 300 w/cab & 13' platform, 3 RW head
708 NI power unit, like new w/hydrostatic cab & air

NEW FORAGE HARVESTERS
JD 3960 w/3 RC & hay pickup
JD 3940 w/2 RC & hay pickup

USED HARVESTERS
JD 16A flail chopper
JD 34 w/2 RC & hay pickup
JD 38 w/2 RCN & hay pickup
JD 3800 w/2 RCN & hay pickup
NH 707 3 pt hookup w/RC attach

USED TRACTORS
JD 3010 RU gas w/46A loader
(2) JD 3020 diesels
JD 2520 gas
JD 2940
JD 2840
JD 2640 HU D, hi-lo
JD 2440 HU D, hi-lo
JD 2630 HU diesel
JD 2010 gas RC
IHC 656 diesel hydro, exc.
IHC 284 w/3 pt.
Massey 65 w/loader

USED CORN PLANTERS
JD 1240 4R plateless w/dry fert. & insect att.
Ford 309 4R plateless w/dry fert. & insect att.
JD 7000 6 RN plateless w/dry fert. & insect. att.
JD 494 4 RN planter

USED DISC HARROWS
JD 1630-12' plowing disc
JD BWF 14' disc harrow
JD AW 15' disc harrow
JD KBA 28 disc harrow
JD KBA 24 disc harrow
JD 220, 17'1"
JD F950 12' roller harrow
Brillion SST 16' wing fold spring harrow

SPECIAL PRICES ON NEW IDEA 206 GROUND DRIVE SPREADERS NOW IN STOCK FOR IMMEDIATE DELIVERY

SPECIAL PRICES ON ALL NEW IDEA SPREADERS & HAY TOOLS WITH FACTORY REBATES

NEW JD 4 & 6 ROW N CONSERVATION & REGULAR 7000 MAXI-MERGE CORN PLANTERS AVAILABLE FOR IMMEDIATE DELIVERY

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone - 717-291-1046

USED EQUIPMENT

JD 6600 D, Fully Equipped
NH 1495 SP Haybine, Like New
NH 469 Haybine
NH 256 Rake
JD 7,000 Max. Emerg. Planter, Dry Fert.
White 5400 6R, 30", Min. Till, Dry Fert.
JD 290 2R Pull Planter
JD 1280 8-30", Liq., F. Pickup - Cheap Enough To Convert To Soybean Planter
JD POP Monitor For 6R Planter
McConnell 15x8 Hoe Drill
JD & MH 7' Offset Discs
IHC 14' Finishing Disc w/Harrow
JD 45 3-Bot. 3 Pt. Mtd. Plow
JD 3 Pt. Cat. 2-Bot. Plow - Fits 801 Hitch
Kawanee No. 470 20' Wing Rotary Hoe, As Is

★ FULL LINE OF NEW MACHINERY! ★

KERMIT K. KISTLER, INC.
SPERRY NEW HOLLAND
Farm Machinery Sales & Service
Rt. 143, Lynnport, PA 18061
PH: 215-298-2011

DISC'S
Int 36 w/wings . $4500
Int 44 w/wings . $4500
Long Offset $4000
Wilbeck Offset . $4500
Bush-Hog w/wings new $6700
(2) Int Cubs - Rebuilt $600
(2) JD KBA 28 Rebuilt $750
IH 28 FH - Rebuilt $750
(3) IH 44 Blade - Rebuilt $1800 - $2000
IH 40 Blade - Rebuilt $1800
(3) IH 36 Blade - Rebuilt $1800
White 44 Blade - Rebuilt $2000
White 32 Blade - Rebuilt $1800
(2) Cub - Used . . . $400
JD 28 Blade - Wheel - Rebuilt $1700
JD 40 Blade - Wheel - Rebuilt $2000
(2) 3 pt. - New . . . $395
20 Blade Pull . . . $300
Oliver 36 Blade Wheel $1500
(20) 6'6" 3 pt. - New $495

HAYING TOOLS
JD 336 Baler w/Kicker $3900
Chopper Attach For Baler $475
NH PTO Thrower $400
(2) Elevators $695
Case 950 SP Windrower $595
(2) NH 479 Haybine $3600
(2) NI Cut-Dutioners . . . . . $1200-$1800
Gehl Haybine . . $1250
Hesston 10 Stacker - Nice $3000
NH 850 Round Baler. $4250
JD Stack Mover $1850
(2) Hesston 10W Mover $750
(2) NH 56 Rake . . . . $1150-$850
Case 555
Haybine $950

NI UNI SYSTEMS
702 Tractor
(2) 701 Tractor
727 Husking Bed
(4) 2x40 Cornhead
(6) 3x30 Cornhead
(3) Combine
(2) Grainhead
4x30 Cornhead
(2) Chopper
(2) 3x30 Chopper Head
(4) Pickup Head
High Moisture Throat
(2) 2x40 Chopper Head
(3) 3x40 Corn Head

HARVESTER HEADS
(2) NH 880 2x30
NH 880 2x40
NH 880 3x30
NH 818 PU
(3) NH 717 2x30
NH 717 PU
NH 880 Sickle
(3) NH 717 Sickle
(3) NH 616 PU
(2) NH 616 Sickle
(2) JD 34-38 1X Corn
(2) JD 34-38 2x30 Corn
(7) JD 34-38 PU
(7) JD 34-38 Sickle
(2) IH 550 2x30 Corn
(7) IH 550 PU
(7) IH 350 - 550 Sickle
(7) IH 350 PU
Hesston 2x30 Corn
(4) Gehl 2x30 Corn
(10) Gehl PU
Gehl Sickle
(2) Fox Sickle
(5) Fox PU
AC 720 2x30 Corn
(3) AC 720 PU
(2) AC 780 PU
(3) Hesston PU
(2) Fox 2x30 Corn
Fox 1X Corn
Fox 4x20 Corn
(2) Case PU
Fox 3x30 Snapper
Fox 3x36 Corn

CULTIVATORS
(2) MH 1X
MH 2X
(2) JD 1X
(4) JD 2X
(2) JD 4X
(13) IH 1X
(4) IH 2X
(2) IH 4X
(5) AC 1X
(5) AC 2X
Ford 2X

COMBINE CORNHEADS
110 On Stock
(5) AC 2x40
(3) AC 3x30
AC 4x30
(5) AC 4x40
(2) AC 6x30
(16) JD 2x40
(6) JD 3x30 & 3x40
(5) JD 4x30 & 4x40
(12) IH 2x40
(11) IH 3x30 & 3x40
(9) IH 4x30 & 4x40
(9) MF 2x40
(5) MF 3x30 & 3x40
(3) MF 4x30 & 4x40
MF 6x30
(7) Oliver 2x40
NH 2x40
NH 3x30
(3) Oliver 3x30
Case 3x30
Case 4x40
(5) Oliver 4x30 & 4x40

WENGER'S INC.
TRACTOR WHOLESALERS
S. Race St., Myerstown, PA 17067
Days: 717-866-2135
Nights: 717-866-7147
Nights: 717-866-7147
Or: 717-273-9098

WENGER'S INC.

LONG LONG

TRACTOR WHOLESALERS

SOUTH RACE STREET
MYERSTOWN, PA 17067

PHONE:
DAYS: 717-866-2135
NIGHTS: 717-866-7147
OR: 717-273-9089

NEW YORK STORE PHONE 315-549-7140 (Preferably Evenings)

ON STOCK: 1000 USED TRACTORS IN OUR SALVAGE YARD FOR PARTS - Best Selection Anywhere!

REASONABLE PRICES FROM THE TRACTOR WHOLESALERS

150 HORSEPOWER CLASS
Farmall 1466 - Cab $15,000
Farmall 4186 - Cab - Air - 4WD - 600 Hours - Nice* $21,500
Case 1470 - Cab - 4WD* $13,900
Oliver 2655 - 4WD - 18.4x38* $10,750
Case 1370 .. : $11,000

130 HORSEPOWER CLASS
Farmall 1086 - 4 Post - 18.4x38 ..... $14,900
JD 4430 - Cab - Air - Quad $17,500
JD 5020 - Cab - 18.4x38 Factory Duals $8900
MF 1155 ..... $9500
MF 1150 ..... $7500
AC 220 ..... $6900
Oliver 2050 ... $6900

120 HORSEPOWER CLASS
(2) Farmall 1066 - Cab - Air $10,900
..... -$12,900
JD 4320 .... $11,500

90-110 HORSEPOWER CLASS
(4) Farmall 806 Diesels $4800
(2) Case 1030 Diesels $5000
JD 4020 Diesel - Powershift $7900
MF 1105 - Duals $8750
(2) Oliver 1950 . $7000
Oliver 1950 - Mechanical 4WD $8500
Oliver 1850 - Hyd 4WD $7800
AC 190XT - Cab $7800
AC 190XT $4800
Oliver 1855 - Cab - Super Clean . $10,000
Case 1070 .... $7800

70-90 HORSEPOWER CLASS
(2) Farmall 706 Gas - WF $3700
(3) Farmall 706 Diesel .. $4500-$6000
Farmall 706 German Diesel $7500
Case 930 Standard $2800
Ford 7000 - Cab - Air - Dual Power $7900
(2) JD 820 PTO - Hyd $3000
JD 3020D - WF - Snycro $6900
MF 1085 - Cab - Air $8750
Oliver 1800D - 4WD Mechanical* ... $8000
Case 930 CK - As Is $3500

50-70 HORSEPOWER CLASS
Farmall 560D .. $4800
Farmall 450G .. $1500
(2) Farmall 460G 1 w/Loader $2000
Int 674 D w/New Loader $8900
Farmall 666D - New Tires $8000
Farmall 656D - Hydro $6350
(2) Case 830 CK - WF - 3 Pt. $4900
Ford 5200 - 10 Speed $4950
JD 730 D - No PTO - WF $2000
JD 730 G - WF . $2500
(2) JD 70 - Gas & Diesel $1500
MF 265 ..... $7750
MF 175 ..... $4850
Long 610 - 4WD - New $10,900
Long 560 - 4WD - New $8900
Long 560 - 4WD $5000
Oliver 770D ... $1500
AC 170 ..... $5700
JD 3010 Gas .. $3500

UNDER 50 HORSEPOWER CLASS
Int 2404 w/Sickle Mower $6000
(3) Farmall Cub w/Cult .. $1750-$2850
Farmall Super A $1500
(2) Farmall H ..... $750-$950
(2) Farmall Super C ..... $1200-$1600
Farmal 300 .... $1250
(2) Ford 4000 D ..... $2250-$3500
(2) Ford 8N ..... Call
(2) Ford 9N $1250 & up
JD MT $1650
MF T030 ..... $1250
Long 310DT - 4WD - New $7950
Long 310C - New $6750
Long 310 - New $6000
Long 360 - New $7300
ACD12 ..... $2000
AC C w/Rotary Mower $1500
AC G $1500
(2) AC B .. $800-$1200
IH B275D $1800
Ford NAA $2500
*=Indicates Tractors At Our New York Store

CULTIPACKERS
Brillion 9' $175
Dunham 12' $595
(3) 16' packers .. $795-$1250
Brillion 12' Mulcher $1675
Dunham 16' Mulcher $2275

COMBINES
Gleaner CII w/Grain $3500
(3) JD 40's From $1200
JD 45 ..... $1500
IH 203 ..... $2000
IH 715 ..... $10,000
MF 300 Qt $9500

FLAIL CHOPPERS
JD 16A $1500
NH 36 ..... $2000
MC $695
IH #5 895

CRAWLER LOADERS
Cat 941 ..... $16,500
Cat 933 ..... $7750
Cat 933 Swamp $8750
(2) JD 350 .... $8800
JD 450B w/9300 Hoe .. $14,900
JD 2010 w/4 in 1 bucket $6000
Case 310 ..... $5000
Int 340 Loader & Backhoe $5000
Cat 955H - $9500

TRAILERS
1969 Great Dane 35 ton detachable .. $13,750
New HD10 2½ ton $1650
(2) New HSE14 4 ton ..... $1600-$1700
New HSM14 6 ton $2000
New HSL14 6 ton $1950
(3) New HTR16 8 ton .... From $2950
New HTRB18 18 ton $5875
(6) New 2 Axle Trailers $1250
1976 Gooseneck 3 axle w/tilt top .. $5000

BACKHOES
Long 3 pt. Hoe-new $4500
Long 5 in 1 w/cab $17,500
(2) JD 310 .. $11,500 & $10,500
Ware Hoe Attach $2750
Howard 3 pt Hoe $2500
Case 580B w/Cab $9500
Case Hoe Attach $2500
JD 9300 Hoe Attach $5500
IH Hoe Attach .. $2250

DRILLS
Ontario 14 D Disc $195
Int 13 S Disc $900
Int 17 S Disc ... $1800
Int 18 D Disc .. $2000

HARVESTERS
NH 717 - 2x30 - PU $2500
AC 720 - 2x30 - PU $1750
IH 650 - 2x30 - PU $2000
JD 34 - 1X - PU . $1650
Fox SP Diesel - Max II - 3 Row - Flail Head $11,500
Fox - 2x40 & PU . $750

MISC. CONSTRUCTION
Int TD9 Winch ... $500
Davis DH5 trencher New Diesel .. $14,500
JD 420 winch ... $600
New winch $1000
(6) Sweeper attach. From $95
(40) Used hoe buckets ... From $150
(25) Loader buckets .. . From $95
New landscape boxes .... From $425
(4) Set forklift forks ..... From $300
Sheepsfoot Roller $1750
Cat D2 Winch ... $400
JD 1010 Winch .. $250
Air Compressor (Garage Type) - Like New
5 HP $1750
4 Cyl Detroit Diesel Powerunit $3250
Mich 35 4WD Loader $8500
Hough 50C 4WD Loader $7000
Franklin 133B Pack-N-Back Skidder $7750
Huber Maintainer $2500

TRUCK TRACTORS (All Diesel)
1970 Dia Reo conv. screw ... $8000
1969 Dia Reo Sleeper screw .. $3800
1968 F Mack Sleeper screw .. $2800
1976 Ford 7000 Louisville single $9950
(2) 1974 Ford Louisville single $9500
Int Emoryville .. $1700

CORNPLANTERS
(2) IH 6X Air - Liquid $2500
(2) JD 290 Pull .. $595
Ford 4X w/Gandy $1000
(2) 2x3 pts. $395

CHISEL PLOWS
Athens 13' pull . $1575
Glenco 9' Soilsaver $3400
(8) Field Cult. - ..... From $795

CABS
New YAR For 1650 ..... $1600
New All Season For 930 & 1030 .... $1700
New FV For IH Combines $1000
New FV For 1150 MF $1700
New FV For 1085 - 1155 MF $2000
Used For JD 45 Combine $600
Used For IH 203 Combine $800
Used For NI Uni System $900

NEW TRACTOR SPECIALS
Long 260C $5224
Long 260C w/P.S. $5618
Long 310C $5207
Long 310C w/PS $5600
Long 310 ..... $5238
Long 310 w/PS . $5642
Long 310 4WD . $6712

SMALLER FARM TRACTORS (USED)
(2) Farmall Cubs w/cultivators .. $2850
Farmall Super A $1500
(3) Farmall H ..... $750-$1250
(2) Farmall Super C ..... $1200-$1600
Farmall 300 ... $1250
Ford Major $1750
Ford 4000 Diesel $2250
(2) Ford 8N ..... Call
(3) Ford 9N $1250 & Up
JD MT $1650
Ferguson T030 . $1250
(2) AC D12 .... $1500-$2000
AC C w/Rotary Mower $1500
AC G $1500
AC B $800
AC C $800

CORNPICKERS
NI 12 Roll Mtd. (319) $3500
NI 12 Roll Mtd. (305) $1950
NI 324 12 Roll . $5500
(3) NI 311 Sheller $1650
NI 324 Sheller . $5800
NI 325 Sheller . $3500
Ford 1X Mtd (Blue) $1350
Oliver #5 1 Row . $395
NI #10 ..... $895

(14) CARS & PICKUPS

ROLLBACKS
1979 Int 2500 Tandem 290 Cummings 1110 Trans- Double P.S. New Jerr-Dan 26' Rollback Built Super Heavy . $48,500
1975 Int 2050- Tandem-Cat 225 Diesel 10 speed R.R.-New 26' Jerr-Dan Rollback Heavy Duty .. $21,750
1969 INT w/24' Rollback - Nice . $8500
1968 Int. Diesel - 24' $8500

COMPLETE RUNNING GAS & DIESEL ENGINES
50 On Stock - Call

PLOWS
AC 2X Rollover - SC $300
White 6x18 Reset $5000
(2) JD 5x16 semi mtd ..... $900-$1350
JD 5x16 Pull $975
(40) 1X to fit small tractors
JD 1450 6x16 .. $2150
JD 1450 6x16 .. $2950
JD 1450 6x18 .. $3350
IH 720 5x20 Reset $5000
White 348 3x16 Reset $1850
(3) JD 2600 4x Reset New $5500
IH 6x16 Reset $2800
1x, 2x & 3x Rollover Plows on Stock
1x-2x pulls on stock
Lot of 3x and Smaller Plows

DUMPS - CONSTRUCTION
1974 Ford Louisville Single Axle New 9' Dump Body 225 Cat Diesel $12,750
1974 Int 2050 Single Axle New 9' Dump Body 225 Cat Diesel ... $13,750

DUMPS - FARM
1974 Ford Louisville Single Axle New 18' Omaha Dump w/Cattle Racks 225 Cat Diesel ... $14,950
(2) 16' Steel Dump Bodies - Complete - Used Less Than 1 Year Excellent. . . . $4500

FORKLIFTS
Ford 30' Diesel . . . $12,500
JD 2010 ..... $5950
Int 340 ..... $4950
Yale 3000 Lb. . . $3950

5 FOOT 3 PT. ROTARY MOWERS $495.00

★ NEW YORK STORE
PHONE 315-549-7140
PREFERABLY EVENINGS

Case 585 Forklift - Diesel $11,900
Ford Rollback Truck - 1974 - Diesel . . . $16,750

MACHINERY
5 Ton Wagon's (New) $395
NH 717 Pickup Head $595
Int 40 Blade Wheel Disc - Like New. $1800
1979 Hudson 2 Axle 4 Ton Tag-A-Long Trailer - New $1450
Long 11' Offset Disc - New - Weathered . $4250
(2) New 8 Ton Wagon w/Extend Tongue . . $550
New 3 Pt. Disc $525
New Feedlot Scraper Blade w/Sides & Teeth . . . $425 - $450 - $475 - $500
New 12" Post Hole Digger $395
(2) New Gravity Bins $495
(3) New 7' 3 Pt. Blades $245
New 10 Ton Gear $650
5' 3 pt Rotary Mower - New $495
JD 5' 3 pt. Rotary Mower - Used $295
JD 3x16 3 pt. plow $700
Case 4x16 Semi Plow $1350

NEW MACHINERY SPECIALS
4' 3 Pt. Rotary Mower $485
4' Pull Rotary Mower $675
5' 3 Pt. Rotary Mower $495
5' Pull Rotary Mower $695
6' 3 Pt. Rotary Mower $695
6' Pull Rotary Mower $795
5' Free Stall Scrapers $450
6' Free Stall Scrapers $475
Landscape Boxes - Same As Above
3 Pt. Boom Poles $60
7' 3 Pt. Peg Harrow $395
10' 3 Pt. Peg Harrow $495
14' 3 Pt. Peg Harrow $595
3 Pt. Fertilizer Spreaders $395
6' 3 Pt. Landscape Rakes $495
1 Row 3 Pt. Marker $175
2 Row 3 Pt. Marker $265
6' 3 Pt. Blades $195
7' 3 Pt. Blades $245
8' 3 Pt. Blades $285
12" Post Hole Digger $495
6'6" 3 Pt. Disc $495
1 Bottom 3 Pt. Plow $295
2 Bottom 3 Pt. Plow $450
5 Ton Wagon $395
1200 Bu. Corn Cribs $795
4'x8' Utility Trailer $395
3 Pt. Woodsaws $875
"0" Category Tools 3 Pt. Disc $295

CORNSHELLERS
(2) JD 43 PTO ... $700
MM D PTO $375
(3) NI Grinder for Mtd ..... $350-$750
(5) NI Shellers for Pull & Mtd ... $300-$1000
(6) IH 234 Shellers & 12 Roll Beds ..... $350-$950

MISC. MACHINERY
NH 26 Blower ... $695
JD 4020 Rollbar & Roof $475
Long RollBars ... $300
JD 400 Feed Mill $2500
NH 352 Feed Mill $2850
Manure Spreaders
Snow Plows
Side Dressers
Potato Diggers
Woodsaws
Scraper Blades
Loaders
Large Papec Mill. $500
Spike Harrows ..... $75 per section
Spring Harrows ..... $75 per section
(2) 1 Row Potato Diggers .. $295-$395
Howard Rotovator $1275
Kools Recutter .. $975
(2) Lime Drills $295
(3) Rotary Mowers - Approx. 14' ..... $1800-$3500

DUALS (HUBS EXTRA)
18.4x38 JD Axle $1500
14.9x38 Axle ... $575
18.4x34 Axle ... $500
16.9x38 Axle ... $750
(7) 18.4x38 Axle $575 - .. $675 - $750 - $775 - ..... $900 - $975
18.4x38 Factory Axle MF ..... $1000 ..... $1350 - $1500
18.4x34 Snap On $650
18.4x38 Factory Oliver $1350
18.4x38 Factory Ford Axle - New $1800
Lots Of New Duals On Stock

TARP SALE

REG.		SALE
5'x5'	18.95	$ 9.50
5'x7'	20.95	10.50
5'x9'	25.95	13.00
8'x10'	35.95	18.00
9'x10'	39.95	20.00
10'x12'	45.95	$23.00
10'x14'	55.95	28.00
10'x16'	65.95	33.00
10'x18'	79.95	40.00
10'x20'	99.95	50.00

TRIPLE H EQUIPMENT

VERMEER — Vicon

Peach Bottom, Pa.
717-548-2640 or
717-548-2094

NEW EQUIPMENT

3 - WRIGHT RAIN manure pumps and sprinklers
3 - 5 wheel 3 pt. Vicon Rakes
2 - 6 wheel trailer Vicon Rakes
1 - 15' Vicon Power Harrow
1 - KM 240 Mower Conditioner
1 - OM 240 Mower Conditioner
1 - CM 240 Mower 3 pt.
2 - 1900 lb. Vicon Spreader-Seeders

We Have In Stock
New Vermeer Balers and
Mobile Irrigation Equipment
for water or manure.

Most Sizes Vermeer Balers In Stock

SPECIAL ON

SORGHUM-SUDAN SEED $22.00/Unit

USED EQUIPMENT

Vicon Spreader-Seeder 1400 lbs.
Hesston SP 500 Windrower
Hesston 10 Stackhand & Mover
New Holland #275 Baler
John Deere #1209 Mower Conditioner
John Deere Single Chain Bale Elevators
Farmhand Wheel Rake
Vermeer Twin Rake
1 - Demo 15' Vicon Power Harrow
Vermeer Demo Irrigation Traveler

FARM EQUIPMENT

FOR SALE

Gehl HA1000 hay pickup head, fits 600, 750, 800 & 1200 choppers, brand new, price less than dealer invoice
NH 276 baler with thrower
NH 273 baler with thrower
Taylorway 6 tooth chisel plow

717-949-3074
after 7 P.M

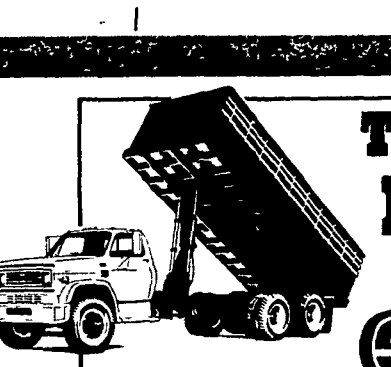
UNICORN FARM SERVICE

JAMES E. LANDIS

PATZ SALES & SERVICE
TERRE HILL SILOS
QUARRYVILLE, R.D.#2, 17566
CALL 786-4158

MANUFACTURERS OF FARM MATERIAL HANDLING EQUIPMENT

Gutter Cleaners
Manure Stackers
Manure Pumps
Manure Spreaders
Liquid-vators
Silo Unloaders
Cattle Feeders
Material Movers
Conveyors



Tough, Dependable Farm Bodies & Hoists

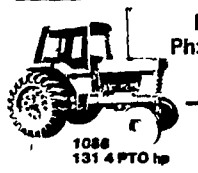
Omaha Standard

FARMERSVILLE EQUIPMENT INC. Ph. 717-354-4271

M & R EQUIPMENT, INC.

New Park, PA
4 Mi. E. of Stewartstown, PA
Ph: 717-993-2511

Red Lion, York, Brogue, Loganville
Ph: 246-1972 Residence 301-452-8693
after 6 P.M.



TILLAGE SALE!

YOU CAN'T BEAT THESE PRICES!

IH 475 disc, 7' spacing, 22" blades, hyd. cyl. & hoses, 17' 5" wing type, **$6800!** IH 720 plow 5 x 20", auto. reset, trash plates, **$6400!** IH 720 plow 5x18" auto. reset, hillside hitch, steel trash plates, **$6400!** IH 510 plow, 3 btm. 16" semi-mtd., **$2550!**

SOLD

ALL OF THIS EQUIPMENT IS
COMPLETELY NEW, NOT DEMONSTRATED

ANNOUNCING AN UNBEATABLE SALES PROGRAM FROM IH!

REBATES & AWARDS ON ALL IH TRACTORS

— OR —

RED POWER BUYER'S CHOICE

BUY ONE TRACTOR AND *GET ONE FREE*

INTERESTED ? ?

NOW IN MARCH YOU CAN BUY A 1086 TRACTOR THAT USUALLY LISTS FOR $40,403 FOR $28,900 + GET $2000 CASH BACK FROM IH FOR A NET COST OF $26,900! TRACTOR IS EQUIPPED WITH AM-FM RADIO, DIFF LOCK, 20.3x38 8 PLY REAR TIRES, 2 SETS REAR WTS.

— OR —

RECEIVE $2600 IN "IH RED POWER" DOLLARS REDEEMABLE FOR ANY IH MERCHANDISE OR EQUIPMENT.

— OR —

A FREE CUB CADET 582 TRACTOR.

TAKE YOUR PICK!

ALSO YOU CAN BUY

A 3388 2+2 TRACTOR EQUIPPED WITH 18.4 x 38 8 PLY TIRES FOR $38,500 (LIST $49,080) AND GET $3000 IN CASH BACK FROM IH OR $3900 IN IH "RED POWER" DOLLARS OR A FREE 782 CADET W/44" MOWER. TAKE YOUR PICK! ALL OTHER MODELS ARE ALSO ELIGIBLE FOR REBATES OR AWARDS!

NEW TRACTORS & COMBINES IN STOCK

1420 Combine
1440 Combine
1460 combine — priced right
All Combines Finance & Warranty Waiver Until 9-1-81
(2) 986 Farmalls-new models-cab, air, diff lock, old price
(2) 1086 Farmalls - 1 old code, 1 new code, cab, air, diff lock
3388, fully equipped
(2) 686 Farmalls
(2) 484 Utility
84 hydro row crop
584 row crop
284 diesel-sal SOLD

USED SKID LOADERS

- IH 4130, Rebuilt, new tires
- Bobcat 610

USED EQUIPMENT

JD 13x7 FBB Grain Drill, Exc. Cond.
IH 990 Mower Conditioner, 7'
IH 7' 990 Mower Conditioner
NH 469 Haybine
IH 1450 cub cadet, nice
IH 105 cub cadet w/hydrostatic, snow blade, mower, nice
IH 510 18x7 combination grain drill, DD o SOLD eeder, nice
Moline drill, 16x7, combination, nice
550 plow - 5x SOLD
990 Mow - Cond., nice
470 wing disc 17'5"
JD 14' rotary mower
IH 56 blower, nice
JD Used Disc Harrows
NH Super 717 1 row corn hd, hay pick-up
401 spring tooth harrow, SOLD
JD 2510 gas tractor
B 414 diesel, 3 pt., overhauled, nice
NI 213 spreader, new web
NI 213 w/hyd. end gate, SOLD
Super C w/cultivators, belt pulley
IH 2400A tractor w/6 way blade, ideal for snow removal
IH 4-Row cyclo no-till planter, nice
IH 455 planter, 4-row, nice, good cond.
IH 56 planter, double disc, gandys, 4-row wide, exc. cond.
JD 34 harvester, 1 row head

DEPENDABLE MOTOR CO.

East Main St., Honey Brook - Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPRING SPECIALS

NH #425 Loader 60" bucket, 1 only	$9975
NH #325 Loader 54" bucket, 1 only	$8375
NH #310 Engine Baler w/steel wheels, 2 only	$5790
NH 880W Pickup Head, will fit 880, 890 & 892 Harvesters, 1 only	$1550
NH 472 Haybine, 1 only	$4750
NH 474 Haybine, 1 only	$5380
NH 456 Mower, 4 only	$1750
NH 489 Haybine, 2 only	$6285
NH 846 Baler (Demo), 1 only	$6625
MH 513 Spreader 11:00x20 tires, 1 only	$3150
NH 256 Rubber Rake, 1 only	$1620
NH 355 Grinder-Mixer, Heavy Duty PTO, 11L tires, 1 only	$5650
NH 353 Grinder-Mixer, Heavy Duty PTO, 11L tires, 1 only	$4995
NH 230 Wagon, 8 rims, standard tongue, 2 only	$620
NH #8 Crop Carrier, 234 wagon, roof, 3rd btr. (Demo), 1 only	$5395
Oswalt 1830 Ensilmixer, 1 only	$8350
Pittsburgh 10' Spring Harrow, 1 only	$695
Pittsburgh 10'6" Disk, ¼" blades, 1 only	$2600
Pittsburgh 12' Field Cultivator, 1 only	$1295

We are also renting a NH# 303 3200 Gallon Tank Spreader.

NEW SPECIAL

NH 1895 Self-Propelled HARVESTER, 4 Wheel Drive, Cab, Air, Heater, 3R Head & Pickup Head, 250 H.P. Cat Engine
$54,300.00

INTRODUCING NEW HUTCHFLEX DISKS BY HUTCHMASTER NOW IN STOCK CALL FOR DETAILS

FREE FINANCE ON

- NH Hay Equipment & Harvesting Equipment Till Oct. 1, 1981
- NH Box Spreaders, Skid Steer Loaders & Grinder-Mixers till Sept. 1, 1981

SPERRY NEW HOLLAND

JAMESWAY — OSWALT ENSILMIXER — DUNHAM

USED EQUIPMENT

NH 477 Haybine
NH 469 Haybine
NH 479 Haybine
NH 512 Spreader
NH 518 Spreader, top beater
NH 268 Baler w/Thrower
NH 273 SS Baler w/54A Thrower
NH Super 69 Baler w/Thrower Ex. Cond.
NH 717 Harvester, 1R C.H. & Pick Head
NH 707 Harvester, w/1R Corn Head
NH 456 Mower w/Motor & Steel Wheels
NH 58 Thrower
NH 259 Rake, Rubber Tooth
NH #23 Blower
JD 9' Cultipacker

DEPENDABLE IS MORE THAN OUR NAME

AC 7000 Tractor
AC 175 Tractor
AC 185 Diesel Tractor
AC 12' Spring Tooth Harrow
NI 213 Spreader
12' EZEE-FLOW Fert Spreader
AC 150 Farm Loader to fit AC D15 Tractor

ROY H. BUCH INC.
Ephrata
717-859-2441

Ford
Tractor Equipment

SPERRY NEW HOLLAND

NOTICE!
Starting March 16th we will be open till 9 P.M.
Mon. thru Fri.

TRACTORS
Ford 8600 Dsl.
(2) Ford 8000 Dsl. 1 w/turbo
Ford 5600 Dsl., low hours
Ford 860 Gas
(2) Ford 800 Select-O-Speed
Ford TW10 w/450 hours
Ford TW30 w/450 hrs.
Ford 9N
Farmall 300
Ferguson 65 Dsl.
MF 165 Dsl.
Farmall C w/Plow & Cultv.
(3) Ford 8N's
Farmall Cub Power Unit
2 cylinder Wis. Engine

EQUIPMENT
Hawk Bilt Fert. Spreader, 60' spreading, 5 ton
JD 495 4RN Plate Planter
Ford 309 2R Corn Planter
NH 7' or 9' 450 Mowers
NH 518 Spreader
NH 327 Spreader
NI 200 bu. Spreader w/endgate, sgl. btr.
(2) Small Offset Disc Harrows, 7' or 8' Cut
Good Selection Used Hay Rakes
Lawn & Garden Tractors w/Mowers

CHARLES S. SNYDER INC.
RD 3 Tamaqua, PA 18252
Phone: 717-386-5945

BUILDINGS & SUPPLIES

For Sale Berks Co. Area - Barn for sale, dismantle & remove. Random width barn siding. Hand hewn timbers, pegged. Best offer Call 215-921-6202, Monday thru Friday, between 8 & 5

GRAIN EQUIPMENT

FARM EQUIPMENT

case

USED EQUIPMENT
Case 1816 Skid Loader, Like New
NH 512 Spreader, real nice
NH 510 Spreader w/end gate $695
NH 518 Spreader w/end gate, real nice
NH 276 Hay Baler, Nice
2-NH #275 Balers w/throwers, good shape
NH 273 Baler w/thrower, real good
NH 1010 Auto Bale Loading Wagon
NH 469, 477 & 479 Haybines
NH 354 Grinder-Mixer, real good

Paul Shover's Inc.
35 E. Willow Street
Carlisle, PA
717-243-2686

SILOS & UNLOADERS

FARM EQUIPMENT

FOR SALE
2 I.H. 3414 Backhoes $4600 ea.
1 1973 J.D. 310 Backhoe, $11,000
TRUMP & SON
717-626-6112
after 5:00

SILOS & UNLOADERS

Laidig bottom unloader conversions Now available for your present silo Call Penn Dutch Farm Systems, Inc. 717-273-9324.

Wanted to Buy - Good used 2030 Harvestore. Penn-Jersey Harvestore Systems, Inc. 717-354-4051

Used Harvestore, silos bought and sold, 25x80 with Goliath unloader, 20x50 with Hercules unloader, 717-442-8104

Dairy Goats, Registered Toggenburgs, milkers, bred yearlings, doe kids, bucks, classified and DHIA last test average 9 4 lb. 3.5%, top bloodlines, priced $75-$350 much below real value Also new Bou-matic milking system with 6 units, CIT including 200 gal. expansion tank with auto washer, sacrifice $7500, Rd 1 Box 113A, Kintnersville, PA 215-847-2403

SILOS & UNLOADERS

For Sale - GRANGE SILO, new Hydraulic pressed concrete stave, manufactured by Corostone Silo Co, Box 156, South Montrose, Susquehanna Co Pa. Write or Call plant 717-278-3045, NY office at Weedsport, NY 315-834-9200, Service Rep for SE PA Ralph Estelle, Manheim, PA 717-665-7105.

We buy & sell used HARVESTORES. Penn-Jersey HARVESTORE Systems - Tel 717-354-4051

MADISON SILOS & VANDALE EQUIPMENT
717-653-1567

"LANCASTER" CONCRETE STAVE FARM SILO'S
EARLY ORDER DISCOUNTS
VAN DALE & STARLINE SILO UNLOADERS
BELT & TAPER BOARD FEEDERS
RITCHIE CATTLE & HOG WATERERS
REBUILT UNLOADERS
SEVERAL USED SILOS AVAILABLE
8AM-4PM
717-299-3721
EVENINGS
717-273-7394

SILOS & UNLOADERS

For Sale - Penn-Jersey Harvestore Silo, 20 x 60 with unloader 1 mile South of Marticville on Rt 324 Lancaster Co Amos S Riehl, Box 106, R D 1, Pequea, Pa 17565.

We buy used Harvestores and sell with Laidig unloaders Penn Dutch Farm Systems, Inc. 717-273-9324.

GUNITE
Silo Relining & Repairs

Extensive tests have been conducted on Gunite. Below are some of the properties of Gunite
1. Excellent bonding
2. High Density
3. Extreme strength and hardness
4. High resistance to absorption

The excellent physical properties of the material are due to the water content being only the amount needed to satisfy chemical hydration

Reseal and re-strengthen your silo with Gunite

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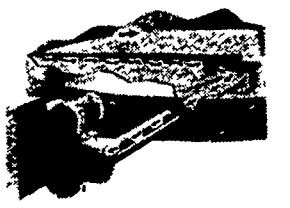
717-776-3288
717-532-3039

SILOS & UNLOADERS

SILOS & UNLOADERS

SEALSTOR

SPECIAL SALE ON NEW EQUIPMENT



LAIDIG Best name in BOTTOM UNLOADERS

★ **LAIDIG JR. UNLOADER CONVERSIONS** for high moisture corn structures. The Laidig Model 43 will handle shelled or ground ear corn.
$6,540 plus installation

★ **!!! NEW LAIDIG JR.** Unloader conversion designed to fit into trough of your current structure.
~~$6,840~~ List Price **$6,540** Special Price, Cash Terms
This unloader will be installed free if ordered by June 1st.

★ **SPECIAL PRICE ON NEW SUPREME 15005 PISTON PUMP** for above ground liquid manure systems. ~~$4,003~~ List Price
(Less 7½ hp motor) fob Lebanon **$2,995** Cash
★ **SAVE OVER $1000!** ★

Call:
PENN DUTCH FARM SYSTEMS, INC.
1730 Highway 72 North
Lebanon, Penna. 17042
717-273-9324

NEGLEY & MILLER SILO CO.
Rt 1 Box 93 Shermansdale, PA 17090
Ph (717) 582-4108 Evenings 834-4838

MANUFACTURE AND BUILD SILOS	SILO REPAIRS	P & D EQUIPMENT
• Wet Cast Concrete Staves • Western Redwood Doors • Deluxe Colordome Roof • Hooped for all types of silage • Plastered solid with a smooth finish	• Replaster • Roofs Installed • New Extensions • Used Extensions • Pipes & Distributors permanently installed	• P&D Golden Gobblers • P&D Ring Drive Unloaders • Unloaders rugged, tough & powerful to perform fast at a "flip of a switch" • Sales & Service all Silo parts and equipment

Used 20x50 N & M Silo For Sale

BUILDINGS & SUPPLIES

GRAIN EQUIPMENT

GRAIN EQUIPMENT

GRAIN EQUIPMENT

CYPRESS LUMBER for sale, A & A Mushroom Supply Co., Rt. 7, Avondale, Pa. 215-268-3128.

For Sale - Oak, poplar, hemlock & walnut lumber (green). Oak & hemlock fence boards. Moyer's Sawmill, Rt 2, Annville, Pa 717-867-5316.

Old paneled interior and exterior doors, double hung 12 pane window units with old glass, used alum. triple track storm windows, best offer 717-393-6711 or 717-285-3208

GRAIN EQUIPMENT

50 GOOD REASONS WHY BROCK SHOULD BE YOUR BIN

We have a great slide/sound presentation explaining 50 of the outstanding BROCK quality and convenience features. It's a real quick and enjoyable education about what to look for in grain storage capacity. It covers everything from the new BROCK Cam-Lock door (you operate without tools), to the full array of safety features that come with BROCK bins. It'll give you plenty to think about before you put down your hard-earned money for *any* grain bin.

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PH: 717-656-4151 ★ SERVING PA, NJ and NY

GRAIN DRYERS
New & Used - Bins
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Turnkey Automated Systems
Call 717-538-2591

SALES SERVICE
JOHN HEFTY SYSTEMS
WATSONTOWN PA

DAIRY EQUIPMENT

DAIRY EQUIPMENT

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★ We Service DeLaval Equipment In Berks, Montgomery, Chester & Bucks Counties...If you have any problems, call us and ask for:
BART ZEIGLER
26 Years Experience With DeLaval Co.

See Us For...
- Dairy Parlor & Pipeline
- Jamesway Barn Equipment
- Starline Spreaders
- Norton Transflow Panel Systems - Complete Paneling Systems For Walls And Ceilings
- Uebler Feeding Machines
- Dairymate Dairy Products
- Klenzade Parts & Service
- Oswalt TMR Mixing Boxes

ORDER NOW...SAVE BIG!
- Madison Silos - Call For Price on New 15' Grain-o-Matic Silo...Just *Right For The Small Dairyman.*

EARLY-ORDER DISCOUNTS AVAILABLE

USED SURGE PAIL UNITS & VAC. PUMPS
Call For Prices!

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We're The Top Jamesway Ventilation Dealer In The East...

- See Us For Winter Ventilation And Fans In Stock

Our Route Truck Is On The Road...
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ERB & HENRY EQUIP. INC.
New Berlinville, PA
1 Mile N. of Boyertown
Phone (215) 367-2169

GRAIN EQUIPMENT

USED GRAIN DRYERS

(1) M&W 450
(450 BPH)
(2) M&W 650
(600 BPH)
(1) MC 400E
(150 BPH)
All of these dryers in operation condition, and either electric motor or PTO drive.

LOUCKS GRAIN EQUIPMENT, INC.
717-755-2868

DAIRY EQUIPMENT

GRAIN EQUIPMENT

New Holland Batch Dryer, 2-1400 bu 2800 bu, 3200 bu grain bins, moving, must sell, reasonable 609-259-2274

DAIRY EQUIPMENT

DAIRY EQUIPMENT

DE LAVAL

MANURE SYSTEMS
Alley Scrapers
Liquid Manure Spreaders w/wo soil injectors
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Parlor Milking
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Computerized electronic controlled individualized feeding.
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Plate Coolers
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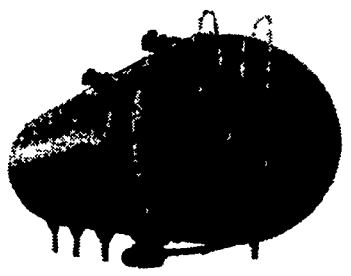
Silverdale, PA 18962 215-257-5135



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First Come, First Served

NEW DARI-KOOL FREIGHT DAMAGED TANKS
Purchased With or Without Compressors

New 1500 GAL. Tank, serial # 26050
New 1500 Gal. Tank, serial # 26058
New 2000 Gal. Tank, serial # 26448
New 2000 Gal. Tank, serial # 26443
New 2000 Gal. Tank, serial # 25395
New 2000 Gal. Tank, serial # (SOLD)
New 3000 Gal. Tank, serial # (SOLD)
New 3000 Gal. Tank, serial # 26489
New 4000 Gal. Tank, serial # 25(SOLD)
New 4000 Gal. Tank, serial # 26(SOLD)
New 5000 Gal. Tank, no serial #

SHENK'S FARM SERVICE
501 E. Woods Drive
Lititz, PA 17543
PH: 717-626-1151

DAIRY EQUIPMENT

For Sale Brand new 55 lb floor milker buckets, fits all heads, $99 plus shipping charge Dairy Designs, 503 Center Street, Lake Geneva, WI 53147

Wanted - milk cans in good condition 814-349-8863

4 Surge new style breaker cups, 4 Surge older style breaker cups, 8 Randels 717-945-5363

For Sale - 3 Surge pail milkers, 2 - 40 lbs, 1 - 50 lbs One Kesco dumping station 717-532-7224

For Sale - 3 Bodmin Nu-Pulse milkers used 6 mo 215-847-5902

DAIRY EQUIPMENT

For Sale - 500 gal Dari Kool ice bank bulk tank w/compressor Pipeline & dumping station w/automatic washer Sch Co 717-943-2401

For Sale - Zero milk tank, 500 gal & compressor Both in excellent condition Ph 301-692-6880

400 gal Mojonnier bulk tank with 5 h p Lehigh compressor Will sell as 1 unit or separate 717-458-4042

500 gal ice bank Dari-Kool tank, excellent condition, Benuel S Lapp, Shirktown Rd, Rd 1, Narvon, PA 17555, 1½ mile SE of Churchtown

FOR SALE KRAIBURG HAPPY MOOMATS
"MORE UDDER ON THE RUBBER"
10 year Warranty Card
15 Sizes
We Deliver and Install

VANCO SALES CO.
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Carlisle, PA 17013
Phone - 717-776-3494
Please send free sample & installation instructions

Name _____
Address _____
_____
Phone _____

6 Zero Concord milkers with in-place washers, 12 unit pulsator-controller. Washington Co. 301-797-4118

For Sale - Surge milking parlor with QTO milkers, excellent condition, also Ross Holms milking parlor, Call 215-827-7180 between 8-5

DAIRY EQUIPMENT

COMPLETE SURGE MILKING PARLOR
(Double 5 Herringbone)
- 10 low profile breaker cups
- Auto. (Electric Brain) pipeline washer.
- Tube cooler
- Vacuum compressors
- Bulk tanks with tank washer

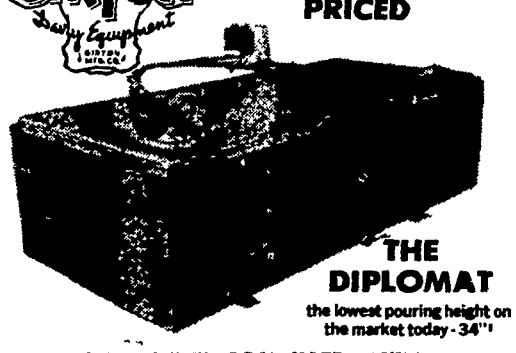
Must sell — one item or complete

* * * * * *

Building poles treated, assorted sizes
609-737-2800

GIRTON Dairy Equipment

WE ARE COMPETITIVELY PRICED



THE DIPLOMAT
the lowest pouring height on the market today - 34"!

GUARANTEED GOOD USED TANKS

24 Hour Refrigeration Service
★ Work Guaranteed ★

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Our Service Trucks Are Radio Dispatched
24 Hr. Service Offered

USED BELTING MATERIAL
Good for free stall and stanchion barns
30", 36", 42", 48", 54", 60" wide
Also, 300 cow mats, size 4x6
Phone: 301-885-5045

For Sale - Rubber Matting for free stalls, stanchions, horse vans and horse stalls Also saw dust for sale in trailer lots Will deliver & install 301-885-5045

For Sale - Outside calf hutches w/metal roofs & feeders Stoltzfus Woodwork, RD2 Gap, PA 17527 along 897 717-442-8972

For Sale - Quality Calf hutches, including bucket rack, hay rack and trough Randy Stoltzfus, Mt Joy 717-653-4448

Wanted Farm markets or juggers to sell premium ice cream Elizabethtown Creamery Co, Inc Rear 519 S Market St Elizabethtown, Pa 17022, 717-367 1389

Wanted - Used Lister diesels, as is, give condition and price Byler's Diesel & Refrigeration, Star Route Belleville, PA 17004 717-483-6714, 717-483 6446

Wanted to buy - several dozen good used milk cans, Elizabethtown Creamery Co, Inc 519 S Market St, Elizabethtown, PA 17022 717 367-1389 weekdays till 4 00

For Sale - 600 gal Girton bulk tank with compressor Washington Co MD 301-432-8701

Wanted - 6 can cooler in good working condition Also, stainless milk cans and/or milk dispensing equip (Chester Co) 215-932 4528

For Sale - 300 gal Jamesway tank, $475 717-587-4839 after 7 p m

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RECONDITIONED "SPUTNICKS"
IN STOCK READY FOR YOUR BARN
★ Complete Stock Of All Parts & Accessories
★ U.P.S. Delivered Everyday
SELLING SPUTNICKS & PARTS FOR 20 YEARS!

CHECK OUR PRICES BEFORE YOU BUY!
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— Air-O-Matic Ventilating Systems

■ GOOD SUPPLY OF REGISTERED HOLSTEIN BULLS READY FOR SERVICE.
TOP RECORDS AND PEDIGREES.

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2 - 16' tandem forage box
2 - 54" Badger forage blower - 20% discount
1 - 1500 gal. Badger Manure Tank - NEW
1 - 10' Badger manure pump - NEW
1 - Badger lagoon pump - NEW
1 - used New Idea 10' manure pump - $600.00
1 - 12' Delaval manure pump - new, but demonstrated once - $1800.00
2 - Delaval manure stir - $800.00 ea.
1 - Badger manure stir - $800.00
1 - Kasten box w/truck kit - $800.00
1 - Int. forage box on 8-ton gear - $1400.00
1 - Sputnick - $600.00
1 - Dump Station - $350.00
2 - #76 vacuum pumps w/3 hp. motors - used
1 - used Mueller tankwasher
1 - new Delaval tankwasher - 30% discount
1 - new Onan 25 KVA alternator on factory trailer - $2250.00
2 - Delaval satelite double Challenger feeders - ready to go

We have #78 vacuum pumps in stock, generators, DV 300 units, milker units, Delaval - pipelines, parlors, feeders Badger - silo unloaders, feeders Madison silos and Starline equipment Cannonbilt rollertrack and accessories

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374 Biggs Highway (#273)
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Our route truck travels these counties one day a month: Cecil, Harford, Kent in Md. - York, Lancaster in Pa. - Newcastle in Del.

Farm Markets & Juggers
½ Gallon & Dipping Ice Cream
Premium Quality at Regular Price

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Rear 519 S. Market St.
Elizabethtown, Pa.
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For Sale - double seat buggy, completely restored, good condition, $1400 609-455-3264 or after 5 609-451-5542

For Sale - 7 ft Smidley Ranger steer stuffer, Dauphin Co 717-896-3896

40 used veal calf crates with wooden slats, also 24" vent-o-matic barn fan will accept reasonable offer, 717-899-6395

For Sale - 10 hole Smidley hog feeder, also Mc No 9 7 ft grass mower, completely overhauled apply to Omar S Fisher, 434 Newport Rd, Ronks, PA 17572

Hay feeders for sale - 8', 12', and 16' Christ B Lapp, RD1, Irishtown Road, Ronks, PA

For Sale - Calf Kennels and Hutches, Kennel is a 8'x16' plus 3' overhang with 4 individual pens White baked enamel roof Exterior siding Hay feeders, feed trough, bucket rack included Painted green or red Samuel M. Stoltzfus RD #1, Box 331, Christiana, Pa 17509 Lower Valley Road

LIVESTOCK EQUIPMENT & SUPPLIES

TAPERED BOARD FEEDERS, double chain, wooden conveyors, custom built, since 1965, for cattle and hog feeding systems Glasbord trough liners, 4x40, cut to length Martin Rissler, Stevens, Pa. 215-267-2244

LIVESTOCK EQUIPMENT & SUPPLIES

For Sale - Feeding equipment Special low sales price New 80' - 10" cycling feeder, used 200 bushel Wa-Ro-Matic roller mill & 110' - 16" belt conveyor (demo.) 717-354-4051

LIVESTOCK EQUIPMENT & SUPPLIES

WOOD SHAVINGS

- ★ Bagged, kiln dry shavings for poultry and livestock
- ★ Giant 5.4 cubic foot baled pine shavings
- ★ Bulk shavings and sawdust for dairy and horses
- ★ Delivery and spreading service for poultry and turkey houses
- ★ Check our prices

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New Holland, PA 17557
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Kiln dried, 3.25 cu. ft. bales. Sold by the bale or truckload. You pickup or we deliver.
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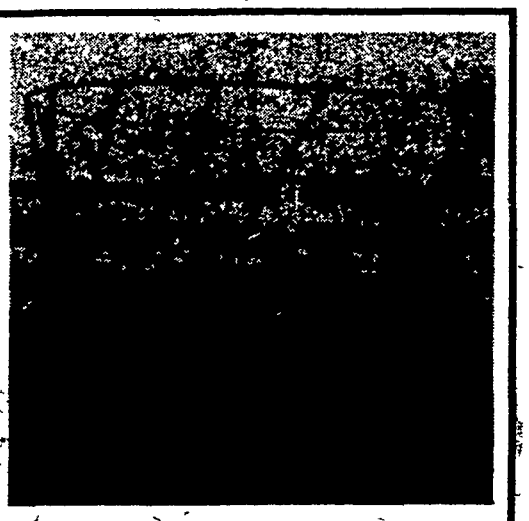

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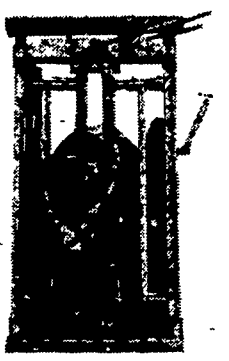

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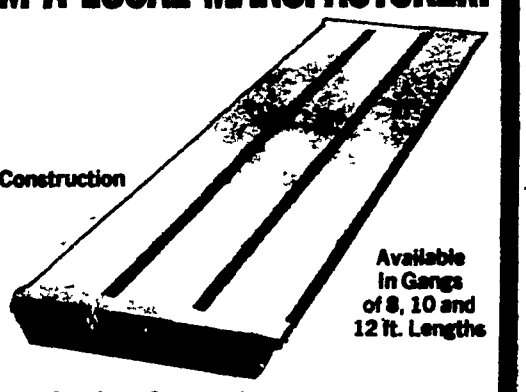

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CATTLE

For Sale - 1 grade bred Holstein heifer, will freshen early May, good size, health certificates, Berks Co. Call 215-367-7845 anytime Sat., Sun, Mon., after 6 p m Tues.-Fri

Beef cows and calves, Hereford and Angus, Feeder steers, 300 lb. up, 6 holstein steers, approx 800 lb. 609-298-0550

Registered Angus herd bull 6 yr old, Marshall Pride #4, Windy Spring Farm, Quakertown, PA 215-536-0912

For Sale - Purebred yearling Charolais bull, well bred, gentle, reasonably priced. 717-224-4785

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Holstein heifers, grade and registered, some bred, also open, 717-529-6651 after 6 p.m.

Registered Angus bull, 3 yr. old, son of Contact of Wye, performance tested at Penn State, gained 3.32 lb per day $1200, 717-925-6972.

Yearling Charolais bulls, polled and ready to breed, can deliver, 717-799-5505

2 - ¾ - 1 yr old Chianina bulls, sires Friggio-Igiso Fonto-Igiso 304-726-4396

One black Angus bull, 1100 lbs, $650 or best offer 215-297-5841

Ten Registered cows in excellent condition. Most are Purebred polled Herefords. Bred to Simmental bull to calf in fall Asking $100 over market price Must sell 301-472-2855

CATTLE

40 open Holstein heifers from 17,000 lb herd average, also Holstein cows, 717-547-2387

For Sale - Service age Holstein bulls from high record dams, Apply to Omar S Fisher, 434 Newport Rd, Ronks, PA 17572

For Sale - Herd of 30 Holstein cows, half registered including 4 registered Elevations, DHIA records, ave 50# of milk a day, Juniata Co 717-527-4608.

Polled yearling Charolais bulls, $850 each, CHIP and health certified herd, 717-742-4805 eves

Polled Herefords - 20 heifers, 14 steer-450 lb, 6 bred heifers Chester Co 215-269-1994 after dark

For Sale - 2 first calf Registered Holsteins. One just fresh, other due in summer to Tradition Good pedigrees Ken Umble, Atglen, Pa. 215-593-2274

For Sale - Black 7/8 Limousin yearling bull 1050#. Also 6 Red yearling bulls Bob Line, Carlisle, Pa 717-243-1281

4 yr old polled Hereford bull. Sire-Vindicator. Registered, performance data 717-248-7666

For Sale - 33 good grade bred Holstein heifers, also 9 ft. 460 NH haybine, cheap 215-562-4575

2 - Black Angus cows, with calf at side, $900 each, 2 Black Angus yearling heifers, $600 each. William J Warren, Warren Angus, Furlong, Pa. 18925, Bucks Co 215-598-3980 after 7 P M

For Sale - Registered Holstein springing heifers out of VG or G+ dams with 20,000 milk production, also registered, Holstein service age bulls with deep pedigrees that need a home Shelman Acres, Lancaster Co 717-653-5663

For Sale - Nine Holstein heifers, registered and grade, some milking 70 pounds, out of top bull. 717-864-3729

For Sale - A Marvex son born May '80 from a VG-85 Indianhills Senator Flame daughter with records of. 3-7 -363d 20784M 3.7% 773F, 4-8 297d 19 0M 3 6% 709F Inc

Also, a Bis-May Astor Jupiter son born June '80 from a VG-85 Fran-Lou Atlantis daughter with a record of 5-9 280d 18520M 3 8% 709F Inc
Roy & Glen Henry
Rd 2
Port Royal, PA
17082
717-527-4474
Juniata Co.

For Sale - Registered Holstein cow, fresh April 20, 1981 at 4 yr. old, Sire Diamond S Pietje Standout 3 yr. record 14,237M 519F 305d, dam has records 18,695m 642f 305d, Cochranville, Chester Co 215-593-5387

For Sale - Registered Angus heifers, 1 & 2 yr olds, reasonable. Call eves 215-935-9223

Wanted - Small herd Holsteins, preferably Registered DHIA 15,000 milk Evan Maust 814-662-2866

For Sale - 40 head of high quality Holsteins, some registered and identified grades, records up to 23000M 760F, average production on the older 30 cows 18,000 lb, good type, sound udders, mostly fresh Sale by owner, Lancaster Co 717-529-2058

1 springing heifer, 2 yearling heifers, 3 registered Holstein service age bulls. Aaron H Glick, Gap, PA ½ mile south of 340 on Millwood Rd

4 Angus heifers, 550 lbs, $325 each or best offer 215-448-6545

CATTLE

For Sale - Herd of Holstein cows, AI breeding, DHIA records over 15,000 lbs Also bred heifers 301-578-1224

I am an order buyer and trucker of feeder cattle, have many satisfied customers in your area, if interested in ordering cattle call collect 703-465-5785 between 8-10 p m

Registered Holstein bulls, 1 year old and younger Out of dams with records to 24,000 milk and 900 fat Stump Acres 717-792 3216 York County

"Wisconsin and Canadian Dairy Cows For Sale - 1st, 2nd, and 3rd calf Fresh and close springers Cash, or credit with down payment Specialize in selecting cows for customers Free delivery Call collect Reuben Greenberg, Inc, Columbus, New Jersey 08022 Phone 609-298 1021"

For Sale - Service age Holstein bulls Dams classified VG with records to over 24,000M & 1,000F John Stump, Bernville, Pa Ph 215-488-1965.

Wanted - Entire dairy herd, also, bred Holstein heifers. Will pay $25 more per head than the going price Don't sell until you call me Call collect - Reuben Greenberg, Inc, Columbus, NJ 609-298-1021.

For Sale - 28 Registered Holstein heifers, freshen July thru Oct., from AI breeding, records on Dams up to 21,000 lbs 717-229-2055 between 12 P M. & 1 P M

Wanted - Herd of dairy cows or heifers, 301-358-0412.

Buyers & Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming You'll get results! 717-394-3047 or 717-626-1164

200 Top fresh and springing Holsteins Take all or pick. Call 914-634-6689.

Registered Holstein bull, 1 yr. old 1-16-81, Dam top cow, last record 326d 23,000M 996F, Maternal sister almost as good, over 950F. 301-348-5640.

For Sale - 15 Holstein springing heifers, several Registered. 301-358-0412 after 8 P.M.

LEASE QUALITY DAIRY CATTLE
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For Sale - Large choice Holstein heifers, bred & open, over 350 or choose from. Harmony Dale Farms, Phillipsburg, NJ 201-859-2616.

For Sale - Registered polled Hereford bull, Dommino bloodline, born 3-21-80. Ph. after 5 P M 215-932-8996

For Sale - 2 Registered purebreds with DHIA, some cows giving 100 lbs milk a day One herd of purebred without DHIA One herd of Grade with DHIA Also fresh & springing cows 75 pickup truck, ¾ ton 717-252-4206

For Sale - 1st calf Holstein heifer suitable for family cow, 717-354-9370

For Sale - Herd of 6 beef cows four with calves and one to freshen shortly, 717-838-6440

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Must decrease cow/calf operation, cross bred Hereford, Angus, Chianina and Charolais, most with calves at side, cows $900, bred heifers, $750, 814-238-1238 after 8 p m.

CATTLE

For Sale 6 purebred vaccinated heifers, due Aug & Sept sired by unit bulls, bred to son of Elevation, 717-292 2750

For Sale - Group of 26 Reg first calf heifers, sired by ABS bulls, will begin freshening in August, $1200 ea 717 626-9157

For Sale - Black Angus cows, (2), due in July, 2 Black Angus heifers, 10 mo old, all nice healthy stock For further details, 717-786-2298

CATTLE

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CATTLE

For Sale - Registered heifer calves from AI sires, one week to 2 months old from herd with 19,000M & 700F 717 949-3439

65 Grade bred heifers to freshen June & July Ph 717-529-2512

CATTLE

For Sale - 4 Registered Black Angus bulls Marshall Breeding - Modern kind, ready to go Berks Co 215 689 9168

For Sale - Registered polled Hereford bull, 3½ yr Health certified $800, Call 717 642-5180

CATTLE

For Sale - Service age bull, sire Jemini, Dam VG Kingpin with 24 000M & 850F, over 200,000 lifetime & still producing, $950 Juniata Co 717-535-5815

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For Sale - Reg Shropshire 2 yr ram, easy to handle, reasonable offers considered Adams Co 717-642-8083

For Sale - White Purebred corriedale ram, 10 mo., proven breeder, price negotiable, 717-284-2975

Twin Suffolk, western cross ewe lambs, 60 head $55 each, also western 3 way cross breeding ewes, most are 4 yr old 717-648-3618

Black twin and triplet ram lambs, also black ewes, $100 $150. 215-766-7509

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For Sale - 20 ewes Elam M. Ebersole, 558 Gibbons Rd, R.D. 1, Bird-in-Hand, Pa. 1½ mile North of Bird-in-Hand.

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Stud Service - Reg Belgian 17 hands, sorrel with white markings, Stephen Fisher, Rd 3, May Post Office Rd., Quarryville, PA

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MULES, your choice - 1 pair gray molly 4 to 5 yrs old or pair of sorrel jack mules 3 to 4 yrs. old, both pairs broke and need work. David H Beiler, Centerville Road, Gordonville, Pa. 17529

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Thoroughbred horses, young, sound, attractive, registered, best offer. 717-358-3129.

Appaloosa 2 yr old registered stallion, white with bay spots over body, hips, star, stripes and snip, 215-679-4387

SHEEP & GOATS

50 ewe lambs born Dec-Jan 1981, Dorset and Dorset western cross 717-966-3946

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2 yr. old black ram, very tame, childrens pet, will buck, large animal William R. Paul, 118A R D., Herndon, Pa 717-758-2961

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If you have any cows that are safe with calf, under 5 years old, clean in udder and in mid to late lactation,
WE NEED THEM!
Also we need all sizes and ages of Holstein Heifers.
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A yound herd mostly "Eastern" sired & bred for Summer & Fall. Guaranteed bred.
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FEED EFFICIENCY 1976 PA State Test Station Most efficient pen purebred hogs 2.96# feed/lb. gain. 1979 top boar, PA State Test Station, 2.63# feed/lb. gain. 1980 Top Boar Delaware test station 2.24# feed/lb. gain.

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Approx. 100 boars available at all times.

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Outstanding bloodlines featuring the best of
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1 black, 22 mo. old
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2nd Highest Yearling Angus in Maryland Bull Test
Weight Per Day of Age
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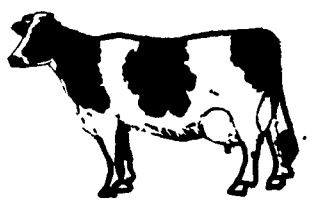

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For Sale - 2 3 yr. old saddlebred buggy mares, broke to drive. Also a spirited 5 yr. old saddlebred gelding. 16,2" a good road horse.
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One load of good quality straight Rambouillets from Texas $115 00 per head

900 head of Blackface crossbreds Rambouillet Suffolk crosses $105 00 to $115 00 per head

40 head of registered yearling Suffolk rams, $300 00 per head

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YORKSHIRE AND LANDRACE boars and gilts of all ages. Pseudorabies negative tested boars for sale at all times. Production tested, certified meat tested, Show winners with many carcass champions. Daily drive-in and drive-out service. Reno H. Thomas, Beavertown, PA 17813. 717-658-5821.

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SERVICE AGE BOARS Straight Irish or other foreign bloodlines No U S. breeding in our herd Reno H Thomas, Brooks End Farm, Beavertown, Pa 17813 Phone 717-658-5821

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Want to contract 5000-7000 layer flock or buy eggs direct from farm same size flock. Write P O Box 366 R-53, Lancaster Farming, Lititz, Pa. 17543

Quakermade roll away nests, best offer Eli S Ebersole, 250 Maple Ave., Bird-in-Hand, Pa

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Variety	Days To Maturity	Best Pop (000)	Plant Height	Stalk Quality	No Till	Drouth	Leaf Diseases	Dry Down	Test Weight	Price Per Unit
V 2381	98	20-24	T	1	1	1	2	1	3	51 50
*V 2551	114	20-22	T	3	1	2	2	1	3	51 50
*V 2601	118	20-23	M	2	1	1	3	1	3	51 50
V 2642	120	20-23	S	1	1	2	2	2	3	51 50

* 1 excellent to 5 poor
* CAN BE FOUND IN 1980 PA STATE HYBRID CORN TEST REPORT

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FERTILIZER

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"Person needed for general farm duties on New York State freestall dairy Must be able to and enjoy milking cows Knowledge of machinery operations helpful Must be reliable and have references Salary plus housing provided for small family Contact Jack Russin, Millerton, NY 914-373-9671 "

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HELP WANTED

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Must be good milker, dependable, familiar with herd health. Permanent position for qualified person.

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HELP WANTED

HELP WANTED

Full Time Staff Writer For News Department of Lancaster Farming Newspaper.

Send Resume to Box 366, J-168 Lititz, Pa. 17543

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Wanted - person to work on farm, can furnish house, 301-996-2022

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For Sale - Dairy Supply Business with $300,000 plus yearly sales Milking Machines, Pharmeseuticals, detergents and related dairy supplies. Franchise and distributorship for central N.J Owner retiring Write Jack Van Aken Dairy Supplies, Hedding Road, Columbus, N.J 08022

RT. 422 BUSINESS OPPORTUNITY - Shop area of 2400 sq ft., 4 car garage, 4 bedroom living quarters plus apartment unit Located in Myerstown, $125,000 (#3063)
PRINTING BUSINESS - Owner retiring after 40 yrs of operating this established printing business Includes nice 3 bedroom home with in-ground pool, 40' x 80' printing shop, all machinery, etc Some owner financing (#1165)
BUSINESS PROPERTY - Well located on Main St. in Wernesville, nice carpeted showroom & storage area, large warehouse area in rear. Many possibilities including retail, $69,500 (#1171)
RONALD W KRALL REAL ESTATE PARTNERS
Myerstown, Pa
717-866-2131

FOR SALE - Feed Mill & Grain Drying facility in Central Montgomery Co Contact Harold Rittenhouse, Harleysville, PA 215-256-6543 or Earl Waltmyer, Collegeville, Pa 215-489-9540

We Need A Few Good Farmers to
GROW POPCORN

Requirements:
- Located in 120 day growing area
- Reasonably productive ground
- 20 acre minimum
- Ear harvest with conventional machine

Benefits:
- Delivery at harvest, our trucks or yours
- Cash on delivery
- Rate: $195 per ton of ear corn

REIST SEED COMPANY
Mount Joy, PA Ph: 717-653-4121

HELP WANTED

WANTED SALES MANAGER

Aggressive, creative & highly motivated sales manager to manage a selling team who are marketing a concrete-oxygen controlled silage management position Basic responsibility will be to implement our marketing plan with special emphasis on the recruitment & training of salesman Sales management experience is essential A background in animal nutrition helpful Salary commensurate with experience

Send Resume to P.O. Box 366 J-163 Lancaster Farming Lititz, Pa 17543

SITUATIONS WANTED

Responsible family man desires management position on beef or grain farm, take charge attitude Call evenings. 215-327-3190

Young Mennonite couple desires dairy farm to rent Fall of 81 or spring of 82 Prefer Lancaster or Lebanon Co. 215-445-5746 after 5 P.M.

TRUCKS & TRAILERS

For Sale - 81 VW diesel pickup, LX, 4 speed, stereo, sliding rear window, western mirrors & tie down rails Al Huber 717-354-8277

1976 Chevy C-65 single axle 5 speed + 2 speed rear, 427 engine, real good tires, wet line, air slide 5th wheel, very well maintained but some rust, must sell by 5-20-81, asking $6500, Call Bob 301-343-0544 collect OK or leave message

TRUCKS & TRAILERS

1979 Ford Lariat F-150 Super cab, 351 auto , air, AM/FM stereo, dual tanks, sliding rear wind trailer package, $5[illegible], 717-626-1564

12 ton hoist, double cylinder, fits 14' body $500 or best offer 609-358-2447

1979 Ford F350 12' stake body, new, 6000 miles, $6200. Newport, 717-582-8343

For Sale - 1978 GMC hay truck, 6500 series, PS, air brakes, 2 speed rear, 427 cu. in , 24' bed & rack, 45,000 original miles 215-869-2336

Chevrolet 2 ton truck, 1200 gal John Blue Nitrogen tank, complete, George Knight, 717-862-3372

For Sale - 1965 Chev. ¾ ton pickup, running condition, one owner. To be sold at Good's Auction on Wed., May 6, 1981

4 WHEEL DRIVES

1979 Chevy Blazer Cheyenne, V8, Auto., PS, PB, AM-FM... $6995
1976 Ford F100, 360, 4 Speed, PS, Lockout Hubs..... $3995

VANS

1979 Dodge Sportsman, 5 Pass., V8, Auto., PS, PB, AM-FM, 14,000 Miles, 2 Tone Blue, Like New..... $6995
1978 Chevy C20, step van, 350 V8, 4 Spd., PS, PB, 12' Body, 6800 GVW, 35,000 miles, excell. cond., all white..... $5995
1977 Ford F150, Econoline, V8, Auto, PS, PB..... $3795
1974 Chevy ¾ Ton 5 Pass. Sport Van, 350 V8, Auto., PS, PB, Air Cond., AM-FM 8-Track, 29,000 Orig. Miles, Beautiful Cond..... $3995
1973 Dodge 8 Pass., Window Van, 318 V8, Stand. Shift, PS, PB..... $3295

PICK UPS

1980 Chevy Suburban, 350 V8, 3 Spd., Manual, PS, PB, AM Radio, Only 6,000 miles..... $6995
1979 Chevy C10 Cheyenne, 305 V8, Auto., PS, PB, AM Radio, 2 Tone Paint, Cap..... $5985
1979 Ford F-250 Super Cab, 351 V8, Auto., PS, PB, 2 Tone Paint, AM Radio, 36,000 Miles..... $6495
1979 Ford F250, V8, Auto., PS, PB, AM Radio.... $4995
1979 Ford F150, 6 Cyl., St. Shift, PS, PB..... $4495
1978 Chevy C20, 350 V8, 4 Speed, PS, PB, AM Radio, 7100 GVW..... $4895
1978 Chevy C20, 350 V8, Auto., PS, PB, AM Radio.... $4995
1978 Chevy Luv, 4 Cyl., Auto, Air Cond., AM-FM, 7' Bed... $4995
1978 Ford F100, 6 Cyl., Stick.... $4295
1978 Ford F100, 6 Cyl., Auto., PS, PB, AM Radio, Cap, 2 Tone Paint..... $5495
1977 GMC Suburban Sierra Classic, 350 V8, Auto., PS, PB, Air Cond., AM-FM And Tape..... $4295
1977 Dodge 200, V8, Auto., PS, PB, Radio..... $2995
1977 Chevy C10 Scottsdale, 6 Cyl., St. Shift, PS, AM-FM & Tape..... $4295
1976 Ford F100, 6 cyl., Auto., PS, AM Radio, 36,000 Miles..... $3995
1975 Ford F250, 360 V8, 4 Speed, PS, PB, AM Radio, Cap..... $2895

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Area Code 717 or 215 Call Toll Free
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TRUCKS & TRAILERS

14' flatbed dump frame C50 Chev truck, 366 V8 eng, 4 & 2 speed, long wheel base, like new F800 Ford truck, 5 & 2 speed, air brakes with 9' dump body, very good 717-386-5438 before 7 A M or after 8 P M

For Sale - 1971 1890 Int 345 V-8, 5 & 2 speed, 10 00 x 20 tires, rebuilt engine, will take a 16' body, will sell with or without body 1971 Int tractor, 5 & 2 speed, 10 00 x 20 tires, air brakes 301 877-9889

TRUCKS & TRAILERS

80 Chevy Luv, 4 cyl, 4 speed, 14,000 mile, $4950 79 Chevy Big 10 x HD ½ ton pickup, 350 auto, PB, PS, 22,000 miles, $4250 79 Dodge ¾ ton pickup, 360, 4 speed, PS, PB, 21,000 miles, $4150 79 Dodge 150 HD ½ ton pickup, 318, 3 speed, AM-FM, 2 tone, 37,000 miles, $3850 78 Dodge 150 HD ½ ton pickup, 318, 3 speed, PS, PB, 23,000 miles, $3550 Will trade 717-859 3291 or 717-733-4884

TRUCKS & TRAILERS

1969 Chev C50, 16' stake, 6 cyl 4 speed, 38,000 orig miles very good condition, $1200 Baltimore Co, MD 301-833-9098

For Sale 1968 Chev C60 cab over dump truck, truck in good condition, body fair, $800 or best offer, good for farm truck 717-273 6309 after 6 p m

TRUCKS & TRAILERS

GMC 6x6 truck, tandem axle, all wheel drive, 90% restored new, sell or trade for freight trailer, 301 774-6583

1975 GMC TE6500 Tilt Cab, 366 V8 5 & 2 speed, 10 00x20 tires, 30,000 GVW w/22" wood and aluminum cattle body, very good condition 717-437 2721

TRUCKS & TRAILERS

J R Opp Co Custom Truck bodies R1, Muncy, PA Ph 717-546 3397

For Sale - 20' aluminum cattle body 22' wood cattle body 20' wood cattle body 11½' Used wood Belleville body, excellent shape, 12' used aluminum dry freight van, excellent condition - like new M H Eby, Inc, Blue Ball, Pa 717-354-4971

AUTOMOBILES

For Sale - 1974 Kawasaki 400 motorcycle, 3 cyl, exc condition 717-927-6673

For Sale - 81 VW diesel pickup, LX, 4 speed, stereo, sliding rear window, western mirrors & tie down rails Al Huber, 717-354-8277

1967 Mercedes 230S Rebuilt engine less than 200 miles Needs body work and torc converter. 814-364-1338

1976 Plymouth Fury station wagon, black, fair condition $495 717-786-2839

1980 Scout, 4 WD, 304 V8, 3 speed, block out hubs, 16,000 miles, excellent condition, 717-799-5348

79 Chevy Impala, 4 dr., 305 auto, PS, PB, air, radial tires, 31,000 miles, $4150 717-859-3291

TRUCKS & TRAILERS

1964 Int -H 16' flat bed dump, current PA inspection $3500
530 Case backhoe $5500
1966 White TA dump $8500
1971 Mack TA dump $16,850
1969 F-800 S-A dump $6150
125C Int. -H 4-1 Rops, excellent loader $18,850

WHITEFORD CONSTRUCTION
301-452-5660
717-456-7497 after 6

PETS

TRUCKS & TRAILERS

75 Chevy (C-60) truck, 78 motor, aluminum 21' bed, 8' cab rack and end lift gate $5900 Fruehauf 36' semi trailer, single axle, good condition $1295 Lebanon Co 717 273 6018

PETS

Need puppies, will purchase in litter lots and pickup at your farm or kennel Also, interested in breeding? Call 609 779-1660

Chesapeake Bay retriever puppies AKC champion sired, excellent for field or show, $200 each 717-358-3129

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1978 Diplomat 4 door Mdl., full power, special $4095
(1) 1980 Chrysler Cordoba, 6 cyl, fully equipped
1980 D50 pickup - Special
1972 Duster, 6 cyl., real nice
1979 2 door Omni 024 hatchback, real nice
1978 Diplomat 4 door, one owner, brown, 318 auto.

— Special On Pickups In Stock —

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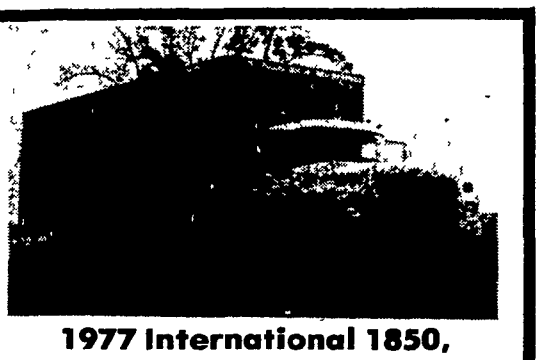

1977 International 1850, 466 Diesel Truck
Eby Aluminum Body, 7' high inside, 25' long.
717-786-7229

For Sale - 1971 Ford L800 truck tractor, single axle, with wet line, 361 HD gas engine, recently overhauled with 5-2 trans $3800, Dauphin Co 717-896-8314

Dodge truck, 23,000 GVW, 2 speed axle, 14' bed with side boards, 50,000 actual miles, excellent condition, 219 Bridge St, New Cumberland, 717-774-7233

For Sale - 1968 GMC diesel, moist lime spreader truck, 33,000 lb license, 5x2 trans, PS, air brakes, good condition, 717-733 8528

For Sale - 1968 Diamond Reo tandem, cummins 250, 15' steel dump, 814-237 6080

Army truck, 2½ ton, diesel, all wheel drive, tandem axles with 5 speed trans, high & low range, front mounted winch, 900 x 20 tires, low mileage, very good condition $[illegible] firm. 609-769-3183

For Sale - 1969 Ford boom truck, Dico Side-o-matic 10.00 20 rubber, 40,000 gross weight, $4500. Wanted - Scrap metal (any type). 1934 International truck, running condition, dual wheels, body needs work, $375. Ph 215-445 6032 after 5 30

For Sale - 1966 Ford 350 9 foot stake body with hoist. Has grain sides with top cattle racks, good condition, $1000 Lycoming Co 717-584-2720

For Sale - Ford truck engine, newly rebuilt, 3 core radiator, and rear axle for Ford truck 717-587-4839 after 7 p m

1978 Gooseneck horse or stock trailer, exc. condition 717-266-1492. York Co.

1971 2050 IH diesel twin screw, cab and chassis, 184" wheel base, 5 + 4 transmission, $8000 or best offer, 1966 U-600 Mack diesel, twin screw tractor, 10 speed trans, wet line 44,000 rears, 16,000 fronts, new paint, $6000 or best offer, After 7 p m. 717-532-7002

For Sale - Super cab Ford ¾ ton 1977 pickup, 16 MPG, one owner, equipped with electric brakes & fifth wheel trailer hookup 717-299-2688

Energy Hyd. truck hoist Sales & Service Anderson's Repair Shop, Rd 1, Felton, PA 717-244-2039

1970 Diamond Reo truck, 26,000 GVW, good condition, $3500 717-626-8487

1969 Int 1900 tri-axle dump truck, all good tires, 20' aluminum bed, new 549 gas motor, exc cond, $13,500 215-869-9265 after 5 P M or 869-2952 anytime

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1976 & 1977 CHEVROLET 12' STEP VANS P30
Matched Fleet - 350 V8 engine, 4 speed transmission, dual rear wheels, aluminum bodies, with or without new paint.

1974 CHEVROLET 14' CAB & CHASSIS CE65
366 V8 engine, 5 speed transmission, power steering, AM radio, 9.00x20 tires new paint, recent overhaul.

1975 FORD 16' CAB & CHASSIS LN700
361 V8 engine, auto. transmission, power steering, AM radio, 9:00x20 tires, 26,000 license

1975 IHC 7½' DUMP BODY I600
345 V8 engines, 4 speed trans., power steering, 8:25x20 tires, exceptionally clean, transmission overhauled.

1975 IHC 20' VAN W/LG 1750
175 Cat diesel, 5 speed transmission 2 speed rear ps, 9:00x20 tires, 26,000 licence, interior has pipe racks for garments.

1975 FORD 16' CAB & CHASSIS LN7000
175 HP Cat. diesel engine, 5 speed transmission, 2 speed rear, PS, AM radio, dual 50 gal. tanks, and new paint.

1975 CHEVROLET 20' & 22' VANS TE67
with or without lift gates, 366 V8 engine, 5 speed or automatic transmission, power steering, radio, new paint.

USED TRACTORS

1974 CHEVROLET TRACTOR HI9143
Single axle 671 Detroit, 10 speed, power steering, new paint, & major overhaul

1974 CHEVROLET TRACTOR Titan 90
Tandem axle diesel sleeper, 318 Detroit engine, 13 speed transmission, power steering, air conditioning.

1976 PETERBILT TRACTOR 352S86
350 Cummins, 13 speed trans. air conditioning, power steering, new paint & recent overhaul, tandem axle diesel sleeper.

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14' - 20' ALUMINUM VAN BODIES
1974 & 1975 Morgan, pre-painted aluminum panels, overhead rear door, curb-side door, slatted interior, new paint, with or without lift gates.

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1975 Duralite aluminum smooth skin, extruded aluminum floor, new paint, XMT20D thermoking unit with electric standby.

Complete maintenance records available for inspection. Other makes, Models & types to choose from.

1966 Ford F600 58,000 original miles, 20' Grove Super 5 roll back body, good condition 301-829-0271

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Stock No 7619A Like brand new **1980 DODGE D-150** Uniline truck 6½' foot box 226 six cylinder 4 speed overdrive economy transmission red cloth interior red & silver accented tape stripe, rear chrome step bumper, full wheel covers 8300 miles Showroom condition **$5380**

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Stock No. 9232 **1978 DODGE W-150** 4x4 Club Cab for a family of more than 3 318 engine, automatic transmission power steering & brakes rear step bumper Brown **$2780**

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Stock No 0034A This will knock your socks off - **1978 Jeep j-10.** 8900 miles One owner White, blue interior, color keyed white cap, white sidewall mud & snow tires full wheel covers AM Radio, tinted glass, rear step & tow bumper, V8 automatic power steering & brakes Just like brand new **$3990**

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Stock No 3028B The camper's delight **1975 DODGE W-200 CREW CAB 4 DOOR.** 360, 4 speed, heavy duty suspension, power steering & brakes AM radio slide-in camper (sleeps 5) Red Burns any type gas **$3060**

Stock No 0165A For the farmer who wants to haul hay **1977 DODGE D-500** Cab & Chassis 174" wheelbase 18,500 GVW 318 four speed single axle Power steering & brakes, perfect truck for heavy duty hauling Gold Burns regular gas **$1895**

Stock No 7633A **1980 DODGE D-200, 8' BED.** 14,000 miles 8550 GVW heavy duty suspension, burns any type gas 360 automatic power steering tinted glass air conditioning AM FM radio, cruise control rear step bumper For the Farmer who wants to go in style Red finish **$6280**

Stock No 7640A **1980 DODGE D-150, 8' BED.** 8600 miles 225 six cylinder 4 speed overdrive rear step bumper Best gas mileage truck in the industry Green **$4990**

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JERSEY SHORE, PA
Phone (717) 398-1590

detroit CONNECTION

NEED PUPPIES

Will purchase in litter lots and pickup at your farm or kennel.
Breeding stock for sale.
Call 609-779-1660
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CASH FOR PUPS
I need Purebred and extra cute mixed litter lots, 6 to 8 weeks old Clean and healthy for resale as house pets. Contact "Jo Jo The Dogman" at Roots Farmers Market, RD 1, Manheim, PA Every Tuesday 5 p m to 8 p m (No Phone Calls)

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We will pickup at your farm. Best prices paid. We have been coming upstate for 30 years.
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Chain Link Dog Kennels
Insulated Dog Boxes
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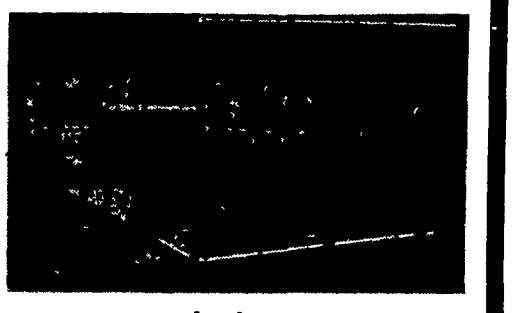

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For Sale - Registered Australian Shepherd puppies Excellent stock dogs. Call 717-524-0893

WANTED TO BUY

Puppies, 6 to 9 weeks old, in litter lots Pure breeds and half breeds Cash money paid Will pickup every Wednesday For resale in my pet shop Write to Charles Hackett 3743 N 5th Street Philadelphia PA 19140 or call between 12 noon & 6 p m Mon , Tues & Thurs only 215 229 0449 Give breed-age-color when writing Also some kind of direction Thank you

HOUSEHOLD GOODS

Used Roper electric continuous cleaning double oven, separate stainless steel 4 burner surface range and hood, $300 717-393-6711 or 717-285-3208

Two garment bags, one womens, $3, one mens $2 One broiler oven, continuous cleaning, $25 One 2 burner hot plate, $25 Call 717-626-1485 after 6 30 P M.

For Sale - Queen size day or sleep sofa by Flexsteel 717-392-7540

Hot air/coal/wood furnace, Amos L Fisher, 3452 Harvest Dr Gordonville, PA

MISCELLANEOUS

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New and Used Steel and Plastic Drums, local and long distance deliveries 717-656-4211

Large bank barn and silo suitable for pig farm storage or any other purpose, cheap rent, Elverson 215-MO7-5329

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highest quality natural health products and food supplements at WHOLESALE prices, Free information, Emory Mill Shoppe, Box 280, Centreville, MD 21627

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For Sale By Owner - 14 acre farmette in Boalsburg, Centre Co , Pa House, barn, other outbuildings, heated inground swimming pool, fruit & nut trees, beautifully landscaped, public water & sewer Appointment only 814-466-6606

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150 acre dairy, silo, 100 acres tillable, loafing area for 40 cows $225,000.
White Deer
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90 acre farm, 45 to 50 acres tillable, nice land that could be cleared, (2) 2 story chicken houses, poultry shelter over 200' long, corn barn, horse barn, work shop, nice house, 1 mile off Rt. 15.
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58 acre dairy, space for 30 cows, 3 silos & equipment buildings, loafing area or steer stable. 30 acres more can be leased. Financing at 9%.
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DEWART
97 acres, river bottom soil, 56 stanchion dairy.
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For Sale - Ringneck Pheasants, hatching eggs, chicks, started and matured flyers. Professional all breed bird dog training Tom Crawford, Hillendale Game Farm, Tyrone. 814-684-5015

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MYER'S WASHER - DRYER
Along Rt. 772 between Brownstown and Leola
Bright yellow house
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120 acre gentleman s farm, beautiful stone house beside 3 acre stocked lake, 2 fireplaces, 3½ baths, 30 miles NW of Hbg $350,000 Write Box 366 R-52 Lancaster Farming, Lititz, PA 17543

85 acre farm, very good soil, log home, nice barn, other buildings Beautiful setting, $138,900. Also 40 acres, frame house, good condition & 4 car garage, $106,000
JOSEPH A MYERS REAL ESTATE
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21 Acre farmette, barn, garage, stable, chicken house, & silo $53,900. Other farms available Call collect to Joseph A. Myers Real Estate, Inc , Hanover, Pa at 717-632-7676

Hog Farm - Columbia Co 105 acres, includes 3 bedroom home, several out buildings, set up for 500 head hogs from farrow-to-finish $125,000. Several other farms from 20-300 acres some owner financing, 717-784-8172.

Farm For Sale - Perry Co - 105 acres, 75 acre tillable, 30 acres in woodland, barn, poultry house & corn crib. Owner financing, $136,500
STROUT REALTY INC
Bechtelsville, Pa
Henry M Martin
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#296 - Mountain area, combination Restaurant - Service Station - Store, Sporting Goods, camping area, acreage. Call Joseph E Reinecke, Realtor 717-854-8912

For Sale By Owner - 72 plus or minus acre farm in Perry Co House, new barn & other outbuildings. Must be seen to be appreciated Owner finance qualified persons Good terms. Call 717-789-3616 7-10 P.M

Wanted - Farmland to rent or buy in Green Hills, Mohnton or Sinking Spring area Write Box 366 L-150 Lancaster Farming, Lititz, PA 17543

Dairy For Sale in South Carolina, 314 acres prime farm land with milking facilities for 200-400 head of cattle Double 6 Herringbone milk parlor, model 200 DeLaval milkers with weight jars, 1500 gal holding tank, 2 24x60 concrete stave silos, freestall housing & calf raising facility, 2 10,000 bu grain storage bins, 2 forage harvesters, 2 silage wagons, forge blower, S C Class 1 milk prices $15 85 per 100 weight For information call 803-827-1864

For Sale - 60 acres of farm and woodland Financing can be arranged Phone Mifflintown 436-2873

For Sale - 140 acres of wooded land, excellent hunting, good investment, North Central West Virginia Call 717-776-3967.

Wanted - Land, minimum 20 acres within 25 miles of Penn National Race Track, Write Box 366 A-6 Lancaster Farming, Lititz, PA 17543

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2 story brick house built in 1797, new bank barn, pasture with spring and stream **Adams Co. $59,000.** 717-632-6968

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For Sale - 123 acre farm five miles West of Loysville in Perry Co , Pa 100 acres tillable, stone house, bank barn, & other outbuildings stream in pasture, $175,000 Only interested buyers need call Evenings 717 789 3474

REAL ESTATE

60 ACRE HOG FARM
3 100' buildings, heated floors, pit, 3 bedroom brick house and pond, **Adams Co.** 717-632 6968.

241 acre active dairy farm, 39 stanchions, fully equipped barn with silo, 5 bedroom house, $125,000, Many other farms available. Atkinson Real Estate, 93 E Main St , Gouverneur, NY 13642, Call 315-287-1310 anytime.

Bradford County. Large country home with barn and 33 acres, wooded area, abundance spring water supply. To be sold by owner 717-265-9014

Steuben Co , NY State, Exceptional 115 acre farm, 45 acres woods, modern 3 bedroom home, new kitchen, 2 baths, large stone fireplace, sacrifice $6500, Carney Realty, Rd 1, Hornell, - NY 14843 607-698-2926

Wanted - Small farm for lease or rent with option to buy Pete Antidormi, Rd 3, Lake Ariel, PA 18436 717-698-6664

Juniata County Home - 7 room, bath, oil heat, elec. hot water, carpeted, alum siding, newly rem. downstairs with storm windows Asking $28,000. Call 717-463-2765

225+Ac, 195+ tillable, large fields, easy slopes. A-1 condition, 2 bedroom house Growing crops of wheat, hay, and trefoil. One concrete silo, 3 story block poultry house with attached crib, & 7 bay machine shed. Bare: $225,000. Equip., Nego. IMMEDIATE SALE NEEDED! NEA Rod Realty of Ithaca, Inc , N E.A Bldg , 207 S. Tioga St., Ithaca, NY 14850. 607-273-7300

For Sale - Berks Co Area - Barn for sale, dismantle & remove Random width barn siding Hand hewn timbers, pegged. Best offer. Call 215-921-6202, Monday thru Friday, between 8 & 5.

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses Write Dept LF-5, WEST REAL ESTATE AGENCY, INC., 2728 Murray Ave , Pittsburgh, Pa 15217

DAIRY OR BEEF FARM
Near Towanda & Troy, Pa ; on paved road 1 mile to Route 6, 260 acres, about 200 tillable, fenced pasture, woods, springs, stream, pond, 8-room & bath home, 50-cow barn, silo with unloader, milk house with 750 gal tank - dump station & milking equipment, heifer & calf shed, machinery shed, two 1200-bu corn cribs, school bus service, all mineral rights No A-7869 WEST REAL ESTATE AGENCY, INC., Office 12 Canton St., Troy, Pa. 16947, Phone (717) 297-4046 or 297-2777.

FARM WITH INVESTMENT POSSIBILITIES Approximately 63 acres of level farm land with a 4-unit apartment farmhouse Could be a working farm with some minor repairs to the brick barn for steers or hogs Has tobacco shed and other implement sheds Currently set up for dairy operation Near Landisville. Asking $500,000 For further information, contact HIGH REALTY CORP 717-393-5661

1 story ranch home with 7 trailer park rental sites on 4.7 acres, borders creek, income potential For details call Ron Funk, 717-442-4279 eves.

For Sale - Ground - Golerian Twp , 91 acre parcel, tillable and wooded ground, conveniently situated near Rt 1 Bypass overlooking Octorara Reservoir $325,000 Call Dickinson, Inc Realtors, Georgianna D Hannum or Russell B Jones 215 459 5500, Deac Allen 215 494 7255

REAL ESTATE

22 acre farmette, 12 tillable, block home, located on Wolf Rock Rd , Paradise Twp , Lancaster Co Ph. 717-442-4279 eves. for details

139 acre dairy farm, Allenwood Union Co By Owner, 3 silos, bunk feeder, cement yard, 52 stanchions, bulk tank, owner finance qualified persons. Call 717-538-1815 7-8 a m.

#122 - Hunting lodge, excellent condition, acreage, beautiful mountain area Call Joseph E Reinecke Realtor, 717-854-8912

DOWNINGTOWN CHESTER CO.
17 acre mini farm. Ideal set up for horse and or dog trainer-breeder Owner will help finance $215,000.
Mary Ann Trone, REALTOR
215-431-1860

Large country home on 10 acres, located in Huntingdon Co., 20 miles from Lake Raystown, 4 bedrooms, living room, kitchen and bath $35,000 814-448-3624 after 5 p.m

FOR SALE - 60 ACRE FARM, WITH COMPLETELY AUTOMATED 35,000 BIRD LAYER HOUSE, MUCH MORE BERKS COUNTY, PA 215-562-7776

#120 Small farming venture, nearly new house, large barn, level acreage, many possibilities, Call Joseph E. Reinecke Realtor, 717-854-8912

Nearly New Ranch Home, vinyl siding & black shutters, 3 bdrms., large kitchen & dining area, 2 baths, wall to wall carpet, 2 car garage, 12' x 24' deck, all electric & natural gas & wood stove $55,000 Call evenings 717-662-7812 Tioga Co.

3 yr. old farmette, Tioga Co. vinyl siding & black shutters, 4 bedrooms 1 full bath, 2 half baths, 3 acres timber, total of 9½ acres, 29 miles to Elmira, NY, 8 miles to Mansfield, Pa. Has cottage, attached garage to house, 2 story small barn suitable for few beef, horses, pigs or so forth, small chicken coop. White board pasture fence, all electric, natural gas, fireplace, wood stove in basement Basement would make good rec room or shop or both Must be seen to be appreciated $49,500 Call evenings. 717-662-7812

HUNTINGDON CO. FARMS
192 acre hog farm, housing for 150 sow operation, farrow to finish, truck scales, 3 grain bins, will hold 35,000 bu., also storage for 2 tractor trailer loads of soybean meal, 2 story home with 5 bedrooms and bath 2nd floor, 4 rooms and ½ bath 1st floor Farm has private lane and borders large creek. Owner financing
Colonial Real Estate Agency
814-447-5511

Berks Co. Farm, 167 acres, mostly tillable, gently rolling Good dairy barn, lg house, substantial silage capacity, over 1¼ mile road frontage, available Spring '82. $450,000 Write PO Box 366 R-47, c/o Lancaster Farming, Lititz, PA 17543

FARM FOR SALE - Pullet & hog operation with possible owner financing at 9½% interest Raises 51,800 birds, 2,000 hogs per batch. 3 year old automated poultry house, 38'x308' Hog barn with ventilation system, large farm house & 20 acres Fine net income Bethel area Call Bill Snader or Jason Rutter at DERRY REALTY CO , 717-273-9351

200 year old 13 room stone farm house on 1 5 acres, borders creek, Ph. 717-442-4279 eves for details

REAL ESTATE

Dairy Farm - 323 acres - Fillmore County, Southeast Minnesota Two homes, Surge Double 4 Herringbone Parlor, 84 free stalls, 15,760 square feet pole sheds, four Harvestores, 340 feet bunk feeders, 18,000 bu grain storage 507-378-2314 George Ballinger, RV3, Spring Valley, MN 55975

FARMER - INVESTOR 530 acre modern farm, York Co , PA. Approx. 400 prime tillable acres, flexible terms. Leaseback option. Respond P O Box 61, Dallastown, PA 17313.

#123 - Mountain area, large mobile home, acreage, stream, close to hunting areas, Call Joseph E. Reinecke, Realtor, 717-854-8912

BUY A FARM, and help me to try to sell MANY farms this year. What do you desire?
Philip F. Gardiner
Real Estate Broker
410 Mullica Hill Road
Glassboro, NJ 08028
Evenings 609-881-7023

SALE JUG MILK FARM
Modern dairy farm with jugging operation, store, and complete butcher shop Located in Northeastern, PA Call or write for additional information to Mr P Long Stimmel Graul Realtors, 1154 MacArthur Road, Whitehall, PA 18052, or call (215) 821-8101 Eves or weekends 215-264-3025

FOR SALE
CECIL CO., MD.
Livestock or dairy farm, 279 acres, 200 tillable, water front, 2 houses, buildings, silo $2400 per acre

NEW CASTLE CO., DE
Grain farm 463 acres, 326 tillable, $2300 per acre

Grain farm 545 acres, 500 tillable, $3030 per acre
Owner Financing Available
COOPER-BARROLL REALTY, INC.
301-648-5593
Galena, MD 21635

ERA

230 Ac, 150 tillable, 65 acres pasture, balance woods 60 tie stalls, 9 heifer stalls, boxstalls 4 bedroom home, tenant home, $258,000 or 124 ac for $185,000 with lease and option to buy, balance of land Owner terms. (M1275)

— OTHER FARMS AVAILABLE —
10 ac terms prvt $9000
20 ac terms, woods/open $14,600
40 ac w/old farmhouse $34,000
66 ac open/woods/stream $36,000
Camp and 5 ac $14 000

ERA HOMESTEAD RLTY
267 S. Main
Mansfield, Pa. 16933
717/662-3287
Robert Dinger R.A
717/549-4792

REAL ESTATE

For Sale - Perry County, 1 to 8 acre woodlots, approved PH. 717-438-3115

Farm For Sale - to settle estate, 74 acres more or less in Nine Points area Call after 3 P M 717 529-2714

#128 Beautiful hunting chalet, located on a large parcel of land with beautiful view of the countryside, fireplace, many extras, completely furnished, Call Joseph E Reinecke, Realtor, 717-854 8912

N.E. PENNA FARMS FOR SALE OWNER FINANCING

Wayne County, 2 homes, 320 acres level to rolling working farm, modern large main home, 3-bedroom second home, 50x50 barn with 50 ties, second barn features 35 stanchions, 30x70 storage building, all buildings excellent, scenic swimming pond, beautiful views, long paved and shale road frontage in beautiful farm area, low interest financing through owner $300,000.

CALL FOR FREE CATALOG

Farms under $100,000

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ZEREBAK REALTY
P O. Box 1, Rte. 370
Lakewood, PA 18439
(717) 798-2113

UNITED

BEDFORD COUNTY

140 ACRE beef, horse or sheep farm, all bldgs. in ex. cond., nice pond, 30 acres saw timber. Good retirement choice.

250 ACRE dairy - Bank barn in good condition. 10 room house.

283 ACRE beef farm - Large barn. 4 bedroom house. Stream. 90 additional acres available.

25½ ACRES with show barn - For horses or cattle. Beef barn. 7 room house.

200 ACRE dairy - With or without stock and equipment. 4 bedroom home.

BLAIR COUNTY

167 ACRE dairy - 31 stanchion barn with room for 12 more. 4 bedroom home.

117 ACRE dairy - Bank barn plus extension with 30 stachions. 4 bedroom home.

163 ACRE farm - 35 acres in oak and cherry timber. 30 stanchions barn.

HUNTINGDON COUNTY

10 ACRES with large horse or beef barn - 4 bedroom house plus 3 bedroom tenant house.

106 ACRE dairy - 15 acres in timber, stream. Excellent terms.

Other dairy farms available in Mifflin County and a 32 acre horse farm in Indiana County.

Farm Listings Needed

UNITED FARM Agency of Pa., Inc.
Real Estate
814-224-4464

REAL ESTATE

DAIRY FARM FOR SALE

Bradford Co., Pa., 217 acres, new Bou-matic double 6 milking parlor, 2 Thermo-stor units, new 1000 gal. bulk tank, new electric wiring in barn & dry cow heifer barn, fairly new 30x60 machine shed, 16x40 silo & unloader, new hay & alfalfa seedings, heavily limed & fertilized, one pond. Two story home, new steel siding, windows & roof. Completely remodeled inside, 6 rooms downstairs, one bath, 4 bedrooms, basement, overlooking lake.

Call Anytime
717-888-9312

REAL ESTATE

Lake Wynonah - Less than 1 hour's drive from Ephrata Beautiful wooded lakefront lot $12,900 00, $2,900 00 down excellent terms

Wooded corner lot $2,995 00

4 bedroom executive home, family room, 2½ baths, 2 car garage, 2 fireplaces, 2 kitchens, best view of lake, much more $75,900 00

Bilevel on 2 lots, 2 baths, fireplace, 3 bedrooms $51 900 00

HARVEY C. CRESSWELL REALTOR
717-874-0147 or
717-628-5057

COMMERCIAL PROPERTY

Excellent one story commercial building of 4500 sq. ft. along with a two story 4 bedroom house with detached 2½ car garage, located in Coatesville, Chester Co. Ideal for live in business or as an investment. Price $115,000. Grocery business available, inventory & equipment $30,000 additional.

Write P.O. Box 366 J-166
Lancaster Farming
Lititz, Pa. 17543

SOUTHERN NEW YORK OFFICE

18,000 DHIA...GOOD 1-MAN FARM: 310 acres, 175 tillable 47 cow barn, barn cleaner, mow elevator, precooler to bulk tank, new 20x50 unloading silo New kitchen in 4 BR home 40 milkers, 25 YS, Diesel tractors, machinery $295 000 or $178,000 bare

STOCKED & EQUIPPED RIVERSIDE FARM: 128 acres 118 tillable 60 cow barn, new cleaner Good 8 room Early American home Cattle, tractors, equipment $232,000 w/liberal terms Offers wanted

GOOD SELECTION OF LRG FREE STALL & CROP FARMS. FREE LISTS

WIMPLE REAL ESTATE
TRUMANSBURG, N.Y.
607-387-9303

(34-T) 17 acre farmette one mile North of Gettysburg, PA. with 1½ story, 3 bedroom brick home. Horse barn, riding ring, 2 car garage, all in excellent condition. Owner financing available. $130,000.

(76-T) 14 acre farmette near Gettysburg, PA. 3 bedrooms, 1½ bath brick home, separate 4 unit rental, 2 car garage, barn and pond. $89,500.

(28-T) NEWLY remodeled 2½ story, 4 bedroom home on over 4 acres of land North of Gettysburg. Barn and stream on property. $49,500.

Call 717-642-5851
TOWN AND COUNTRY REAL ESTATE
Fairfield, PA

NEW YORK FARMS

Good 145 acre dairy farm, nice location, good 3 bedroom house, owner financing, $137,500

3 Cayuga Co. Farms in Mennonite Section

Excellent 200 acre honeoye soil, heifer or beef setup, $60,000 house. $235,000.

A-1 220 acre dairy, 3 silos, setup for over 125 head, honeoye soil, good 4 bedroom house, $20,000 trailer, excellent terms, low interest and taxes. Only $75,000 down.

206 acres, excellent location, room for 80 cows plus heifers, large 4 bedroom house. Only $175,000.

Samples - Try Us
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Auburn, New York
Call 8 to 10 P.M. 315-364-8311 or write
Roy A. Tuttle, Broker
Box 338, King Ferry, N.Y. 13081

REAL ESTATE

45 ACRE FARM - Located in Rapho Twp. in the Mastersonville area. 2 story 4 bedroom farmhouse, barn, tobacco shed, and workshop. Suitable for steers, hogs or produce. ML#51053

36 ACRE FARM - Located 4 miles north of Manheim on Rt. 72. Large 2½ story 4 bedroom farmhouse. This farm would be suitable for steers, sheep, horses, or truck patch. Frontage on route 72 for possible produce store, etc. ML#43990

PENN REALTY INC.
112 South Main St.
Manheim, Pa. 17545
717-665-2401 717-397-8174

REAL ESTATE

FARM SPECIALIST REALTY INC.

Northern New York - 386 Acre 200 cow freestall, 4 silos with unloaders, double 6 parlor. Liquid manure system with laggon, 2 ranch homes, Complete line of cattle and machinery. Some assumable mortgage.

We are the Northern New York Farm Specialists!

Write or Call For Free Farm List.
FARM SPECIALIST REALTY
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315-782-2270

CENTER NEW YORK FARMS

139 acres, lg. dairy barn, heifer barn, pole barn 34x70, 2 silos; 2 family home on private road just off major highway in Oneida Co. $165,000.

91 acres, horse or beef farm with 2 barns measuring 150x60 and 70x30 with new 2 family home in Oneida Co. $135,000.

70 acres, dairy barn, cement silo, 3 outbuildings, bulk feed bin, 2 lg. ponds and 7 bedroom home on main highway in Madison Co. $120,000.

Century 21®

William A. Dobs, Broker
Dobs Real Estate
105 Main Street
Oneida, NY 13421
315-363-3610

PENNA FARMS

CUMBERLAND CO.

75 A. GENERAL FARM - Bank Barn, modern 2 story frame house, road frontage and stream. Just minutes from I-81. PRICE ADJUSTED.

2 STORY BRICK COLONIAL dwelling (approx. 200 years old) with bank barn on 43 A. limestone tract, 3500' road frontage East of Carlisle. $160,000.00.

Your own ESTATE on 40 A Modern frame house, bank barn, stream and road frontage - near major highways.

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172 A. GENERAL Modern 7 room house, pond, barn - near Raystown Lake PRICE ADJUSTED.

"NO OBLIGATION APPRAISAL"

Charles Wenger, GRI, 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231

GEORGE L. EBENER & ASSOCIATES REALTORS
139 W. High St., Carlisle, Pa.
Ph. (717) 243-6195

REAL ESTATE

BERKS CO.

150 acre operating general farm, 115 acres tillable, balance pasture, spring fed lake and woodland, 36x90 bank barn, 37 stanchions, barn cleaner, out buildings, (2) 7 room & bath farm houses plus cottage overlooking lake More than 1 mile of frontage on 2 macadam roads Convenient to Bernville area near Blue Marsh Lake 20 minutes to Reading, 15 minutes to I-78. Owner financing to responsible buyer ~~$310,000~~ Now $300,000

THE GOTTSHALL AGENCY
477 Main St. Collegeville, PA 19426
215-489-9303 eves. 215-287-7001

$235,000

SPRINGFIELD TWP - Excellent business & Farm with 72 acres property fronts I 83 a chance to expand your horizons in bus Owner financing is available

$220,000

STEWARTSTOWN - 125 acre farm w/lots of potential! It has a 5 br 2½ bath colonial, plus rental income from farmhouse + 70 crop acres Gorgeous setting + owner financing

$159,500

PINE GROVE RD - This farm has the luxury of a 4 bdrm Victorian home, 50 prime acres of farmland, a barn + pond All in a secluded location

$268,500

DOVER A beautiful site to behold! Is this 113 acre farm & restored stone home has 3 bdrm 1½ bath in rich colonial decor All in a settling along the Conewago

Ron Bradley Inc. REALTORS® Better Homes and Gardens
York Office 717-741-4646
Shrewsbury 717-235-3814

YORK CO.

Near Norman Wood Bridge, 69 acre farm, 100 sow farrow to finish operation, 4 bedroom house with 3 fireplaces. The hog operation is away from the buildings. Hog operation in good condition.

55 Acre general farm, 10 miles Southwest of Norman Wood Bridge near Delta, Pa. Over ½ mile road frontage, 3 bedroom house, meadow & stream, reduced to sell.

LEHIGH CO.

Near Kempton, Pa., 85 acre general farm, large bank barn, lots of road frontage. Modern 3 bedroom house in good condition.

SCHUYLKILL CO.

54 Acre general farm, East of Pine Grove, large chicken house, no dwelling.

BERKS CO.

75 Acre general farm with dwelling & bank barn, stream in meadow, near Shartlesville, 1 mile from Roadside America, 31 ac, campsite with facilities, 30 spaces rented permanently, 3 bedroom brick house. Hurry camping season here now.

25 Acre general farm, 2½ story dwelling, bank barn, 3 story poultry house with road frontage. Only a few miles SW of Reading.

BEDFORD CO.

200 Acre general farm, with level ground.

CUMBERLAND CO.

28 Acre farm with country auction, new & used furniture sales rooms, large stone house, modern, large rooms, excellent condition.

LEBANON CO.

100 Acre general farm North of Annville, large bank barn in good condition, 8 room brick house.

PERRY CO.

140 Acre dairy with 2 Harvestore silos with concrete silo, 42 stanchions with dwelling, large metal implement storage shed.

MONTOUR CO.

North of Washingtonville, 10 Acre lot, part tillable, part wooded, opposite PP&L Lake.

CLINTON CO.

47 Acre lot, wooded.

LANCASTER CO.

25 Acre lot, about ½ tillable, some wooded, meadow with stream.
5 acre woodland.
6 acre woodland.
8 acre woodland.
13 Acre farmette with 4 bedroom house, frame bank barn.

Some of These Can Be Financed By Owner To Qualified Buyer

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Real Estate Broker
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717-859-1004 or Paul Z Musser
717-733-8107 or Emma Gish
717-653-5369 or Paul Smith
717-933-8156

REAL ESTATE

DAIRY FARM HUNTINGDON CO.

146 acres of rolling limestone soil, 125 tillable acres, modern dairy barn with 40 comfort stalls, barn cleaner, 20x50 silo with unloader & bulk tank, nice 4 bedroom house Ready to go for $165,000

Call Dan Knode

TOWN & COUNTRY REAL ESTATE

814-946-4343

FARMS FOR SALE:

Operating Farm - money maker for one family, ½ mile from school, four bedroom house, 2 sun porches, good shape. Large T barn, stanchions 28 (room for more), bulk tank, barn cleaner, 160 acres-half tillable, $95,000 with machinery, $77,000 bare. Would like $30,000 down, other considerations. Don't wait. Also have terms on other farms.

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Ogdensburg, N.Y 13669
Ph. 315-393-2188

Fritz Real Estate 717-784-1873

316 East St., Bloomsburg
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Bloomsburg Area
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Handling all types of
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"Specializing in Farm
Properties"

Farm - Columbia & Montour Co Village of Whitehall - 264 acres currently set up for beef cattle Large metal building with office, large bank barn, restored home, 2 ponds, small stream $325,000 00

Farm - Columbia Co Midway between Bloomsburg & Berwick Convenient to Rt 11 & 180 73+ acres Large 2 story home & bank barn $148,000 00

Small Farmette Northern Columbia County- Excellent hunting & Fishing area 2 story home, small barn & additional outbuildings on 2+ acres with good orchid. This is a well kept property $42,500 00

Country Home Northern Columbia County - Village of Derrs Quiet rural living 4 year old 1 story home on 2 acres $37,500 00

Farmette Northern Columbia Co near Village of Talmar Excellent hunting area 10+ acres of good land with a small 2 story house & bank barn Buildings are structurally sound but in need of repair $22,750 00

Woodland - Northern Columbia Co - Excellent hunting area 2 acres ideal for hunting camp $4,500 00

Due to our volume of country real estate sales, we need listings for farms, farmettes and rural properties

Theodore Fritz, Realtor
Helen Fritz, Realtor Assoc

REAL ESTATE

PRIVATE LOCATION!

New York State - 375 Acres, big fields; two story dairy barn, 66 stalls; four bedroom home. Good for dairy, beef or sheep. $150,000

600 Acres - 400 Milking Cow Free Stall Operation. Excellent location and milk market Complete or bare.

1000 Acre Cash Crop - Excellent corn and soybean land - or milk cows in new facilities.

We Sell Only The Best!

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R.D. #3
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(607) 334-9727

200+ COW FREE STALL OPERATION

770 acres, 640 tillable, double six milking parlor, 3 silos, 2 fine homes, plus 3 tenant houses, machine shed, 260 head, 160 milkers, 15,000 lb. herd average. Super line of hay and corn equipment Owner financing. Total price $825,000.

Century 21®

Andy Hinds, Inc.
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Malone, New York 12953
518-483-4000

FARMS & LAND

F1-09 41 acre w/dairy setup, large, fully insulated 11 room house. Bank barn has 17 tie stalls & vacuum pipeline, horse barn, Snyder Co. Only $71,500.

L1-07 Approx. 100 acres tillable on this 133 acre tract near Port Trevorton, Snyder Co. No buildings only $700/acre.

F1-02 103 acre run down farm, log house, approx. 20 acres tillable, excellent hunting area. $69,000.

F0-51 General farm in central Snyder Co. 188 acres with over 100 acres tillable. Bank barn and other outbuildings. 2 story, 8 rm. log home with aluminum siding. Only $175,000. Owner financing.

F0-25 Farm consisting [illegible] acres. Near McClure. [illegible] Approx. 100 tillable [illegible] Owner Financing. $150 [illegible]

SALES AGREEMENT

Small and Large Tracts of Open and Wooded Land Available from $3,800 to $144,000.

Other Farms Also Available

Bowen Agency inc. REALTORS®
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Evenings call Realtor Assoc.

Phil Graybill, GRI Snyder/Union 717-374-8038	Don Bashore Juniata/Perry 717-436-9213
Paul Kuhn, GRI Northumberland 717-374-4144	Dallas Will Mifflin 717-543-5685

REAL ESTATE

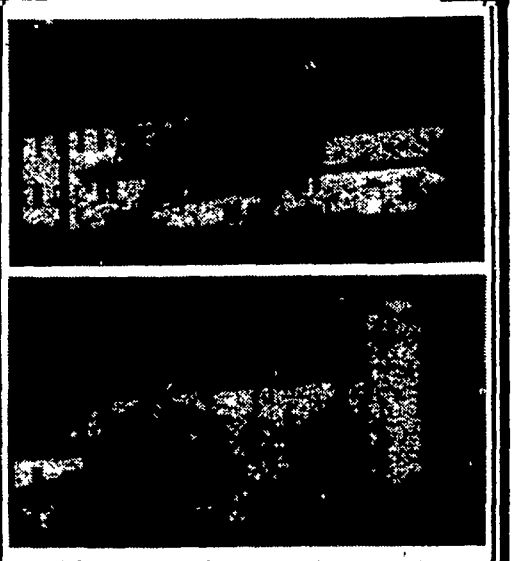
CHENANGO CO., NY POULTRY & DAIRY FARM

144 acres, main building in full operation with 20,000 layers, auto. feeders Operating dairy barn ties 34 head, 500 gal. bulk tank, barn cleaner, dumping station, 28x144 heifer barn, good 5 bedroom house, $135,000 Cattle & equipment available.

Dairy Farm - 300 acres, 150 tillable, ponds, 54 tie barn with pipeline, bulk tank, 3 silos, 50x100 pole barn, very nice 9 room farmhouse, $206,000. Owner financing available.

McKEE REALTY
Main St.
Cincinnatus, NY 13040
607-863-4181

AMISH FARM



Amish school on farm, level 98 acre dairy & hog farm, Cumberland Co. $169,000.

FARM & HOME REAL ESTATE
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717-291-2270

Sylvester Baum Carlisle 717-776-3967	Mahlon Oberholtzer Lancaster 717-392-1177

Broker-J Irvin Denlinger
717-898-8962

CENTRAL PENNA. FARMS

PERRY CO.

180 acre limestone beef, 15x30 silo, good bldgs. Call Mr. Bitting.

CUMBERLAND COUNTY

33 acre secluded, 20 wooded, no buildings, stream. Call Mr. Nissley.

FRANKLIN COUNTY

170 acre limestone dairy, 18 ties, 2 silos, financing. Call Mr. Crawford.

JUNIATA COUNTY

10.5 Acre Farmette. Modern Cape Cod house. Call Mr. Crawford.

65 acre limestone general, complete set of buildings, road frontage. Call Mr. Benner.

50 Acre Hog and Poultry. Limestone and sandstone soil. Call Mr. Benner.

MIFFLIN COUNTY

118 acre limestone dairy, 87 freestalls, 3 silos. Call Mr. Crawford.

JOHN B. NIESLEY REAL ESTATE
32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177

REAL ESTATE

FARM OPPORTUNITIES LANCASTER CO.

1743 Circa Restored stone home, 50 Ac. general gentleman estate South of Quarryville, $375,000.

20 Ac. Beaut. brick rancher, 300 fruit trees, 4 Ac. woods, $135,000.

SNYDER CO.

130 Ac. general, productive & ex. home, $195,000

Nearby 99 Ac. 100 steer setup, 18x65 silo, 4 bdrm. home, $165,000.

115 Ac. fertile level lg. brick colonial home, frontage, $250,000.

JUNIATA CO.

160 Ac. possible dairy setup, Rt. 322, 8 rm home, $300,000.

72 Ac general, barn, spring & frontage, nearby Rt. 322 - 35, $87,000.

66 Ac. dairy setup, 38 stalls, silo & possible FHA loan, $160,000.

NORTHUMBERLAND CO.

105 Ac. w/silo nearby, 128 Ac. dairy setup, limestone, either or all $1500 per Ac., near Dalmatia off Rt. 147.

COLUMBIA CO.

126 Ac. potato, mostly level ground, good stream, buildings, seclusion, $139,900.

For Information On These & Other Penna. Farms Ask For One of the Farm Men

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone 717-569-8701
or Leola 717-656-6717
REALTOR

NORTHCENTRAL PA. FARMS & INVESTMENTS

Priced To Sell — Priced To Sell

200 ACRE FARM - $77,500 - Lg. L shaped barn w/40 + stanchions, 14' x 32' silo gutter cleaner intact, lots of hay storage. 85 ac till., L0-50 ac. pasture w/year-round stream. Gravel pit pays taxes. House has 1½ baths, + fieldstone fireplace-needs repairs. 29% down, 10½% int. 20 yrs. - $550/mo. Can sell 150 ac. for $57,500. C459 PH: 814-367-2249

NEAR BALDWIN RUN - With this 10 acres 300' from State land near Baldwin Run. Rolling land covered with white birch, oak & mountain laurel. Over 500' twp road ftg. Truly beautiful property in Ex. hunting area! $8,950. C-480 PH: 814-367-2249.

TIOGA COUNTY: - 100+ AC dairy farm, 34 stalls, new barn cleaner, 20'x28' Harvestore silo on lease, bulk tank, milking equip. nice 3 br. house partially remodeled. Much much more. Priced at $83,500. W-542. PH: 717-724-5921.

"AFFORDABLE FARM" - Overlooking the Cowanesque Dam in Tioga County, PA, on NY border, 100+ acres, approx. 40 tillable, 50 tie stall barn w/mow conveyor, 20'x60' silo, w/unloader, fair to poor house, major cleanup needed around buildings, frontage on 2 roads. Priced right at just $85,000. #M-209.

JUST LISTED - 140 acre dairy farm in the heart of Tioga Co. 50 stalls, barn cleaner. 2 bulk tanks, milking units, 18 x 55 silo, 20 x 28 Harvestore, 3 bedroom house, partially remodeled, other out buildings, owner say's sell at only $140,000. W-545.

CALL OR WRITE US FOR OUR FREE LISTS!

The Real Estaters REALTOR

Offices: Area Code - 717
TIOGA & POTTER Counties call or write
WELLSBORO, 120 East Ave. - 724-5921
WESTFIELD, 108 Main St - 814-367-2249
MANSFIELD, RD 1, Box 41 - 662-2138

OUR #1 AIM IS SERVICE

REAL ESTATE

2 Farms consisting of 120 acres of very fertile land, lots of buildings for sale by the owner, John Strawbridge, 301-996-2022

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds 717-394-3047 or 717 626-1164

REAL ESTATE

#210 - Mountain land, several counties, some wooded, stream, hunting and fishing, call for details, Call Joseph E Reinecke, Realtor 717-854-8912

For Rent - 4 room house, middle aged couple, nice yard and parking Neffsville, Lancaster Co , 717-569-1170

BEST LARGE FARM FINGER LAKES

235 freestall operation, 650 acres, 450 tillable. Honeoye Lima soil, all level, very high soil fertility test, natural Ph 7.2 plus, never seen a lime truck, 2400° days, 185 mature cows, plus heifers & machinery, group feeding bunker wagon, bunker silo, Harvestore, cement silos, good houses. Will sell complete or bare.

HARRY PETTINGILL, JR.
BROKER
Seneca Falls, NY
315-568-9708

REAL ESTATE

FRANKLIN CO.
77 acres with house and barn
71 acres woodland
Other Farms
VAN CLEVE REAL ESTATE
717-392-3032

REAL ESTATE

DAIRY FARM

Almost 300 acres, barn, silo, 2 spring fed creeks, stanchions, automatic gutter cleaner. Ask for Jeanne. Call for details. F-166.

Winters' Real Estate, Inc.
607-962-2401

CENTRAL NEW YORK OFFICE

BRAND NEW 160 COW FREE STALL BARN w/TRIGON PARLOR that will milk 100 cows in less than 1 hr , (milkhouse & parlor cost $175,000), air controlled, pre cooled 2000 gallon tank 350 acres, 200 tillable, top alfalfa land, 22 tons silage/acre Two fine 7 room homes Beautiful operation, completely self-sufficient ASKING $440,000 **LISTED LAST WEEK!**

ALMOST NEW 100 COW FREE STALL, practically adjoins farm listed above, would make excellent package Barn had dbl 3 parlor w/weigh jars, complete auto feeding to main and heifer barns from 4 lrg silos 260 acres, 190 tillable, lrg open fields, completely self sufficient, (sold 55 acres picking corn last year), well-drained land Two nice homes Allergies force sale $520,000 with 130 head, modern machinery **LISTED YESTERDAY!**

INCLUDES 70 MILKERS, 30 Y S. 200 acre Mohawk Valley farm, 150 tillable 80 cow barn has newer cleaner, 3 silos, 10 ton bulk feed, 800 gallon tank New kitchen in 5 BR home, HW heat $220,000 **LISTED LAST WEEK!**

GOOD FARM LISTINGS COMING IN DAILY.
FREE DAIRY LISTS.

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For Rent or Lease
Office, Storage, Silos and Scales
1 - 3 Acres of Land
East Hempfield Twp., Lancaster, PA
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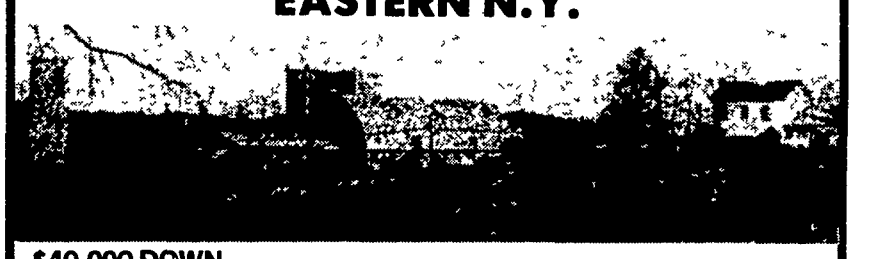
EASTERN N.Y.



$40,000 DOWN

* 226 level acres, 200 tillable High P H
* 100 additional tillable acres available for rent @ $10 per acre
* Good Colonial farmhouse, 2 baths, 5 bedrooms, Aluminum siding
* 16x32 inground pool, plus 2 ponds
* Excellent 60 cow tie stall barn with 625 gal tank, pipeline milker, mow conveyor, Patz cleaner, enclosed manure room, calf stalls
* 20x60 concrete silo, new Jamesway unloader connected to 90' auto bunk feeder, paved yard
* 18x50 concrete silo, new unloader, 2 14x50 silos
* 2 drilled wells, outside grain bin
* Excellent location, New England milk market
* Considerable silage, haylage and hay included
* $40,000 down and take over debts

COBLESKILL
Country Boy Realty
MAIN OFFICE
140 EAST MAIN STREET, COBLESKILL, NEW YORK
PHONE 518/234-4371

Longacre

FARM AND COUNTRY PLACES

DAUPHIN COUNTY
NEW
86 acre dairy farm (near Hershey), very good soil, 80T, pasture, stream, features new 100 cow free stall w/center auto bunk feeder & drive thru feeding 20x70 conc. silo w/unloader & conveyor system, 2 story bank barn w/25 tie stalls, also heifer & maternity area. 800 & 400 gal bulk tanks, 2 car garage & shop, corn crib, machine shed, lovely 2½ story home features large kitchen, formal DR, LR & playroom, 3 bdrms & bath, 2 open porches Call for details **$360,000.**

MONTGOMERY COUNTY
75 acres, $3,500.00 per acre large amount of road frontage **#139.**

55 acre general farm featuring lovely log & stone home w/modern kitchen, center stairs, 5 rooms with livingroom fireplace, 5 bedrooms & bath, 2 car garage, bank barn, 2 machine sheds, corn crib, silo & much more A very lovely setting, ~~$385,000~~ **Reduced to $300,000.**

BEDFORD COUNTY
NEW
200 Acre hog & beef farm, features good soils, nice & solid 11 room house w/bath, 108x30 hog farrowing building, 180x26 concrete building, large bank barn, 8 hog field shelters w/water & concrete floors, 12x58 house trailer & much more Call for details, asking $250,000 #326.

BRADFORD COUNTY
NEW
260 acre dairy farm, 200 tillable Featuring lovely 6 room house with bath & 3 room apartment 50 cow tiestall barn, barn cleaner, 800 gal bulk tank, 18 x 55 concrete silo with unloader, 2 corn cribs, large garage **$235,000**

NEW
81 acre dairy farm with lovely frame colonial with 10 rooms & bath 26 stall barn, barn cleaner, 2 story garage & outbuildings $66,000

79 Acres 59 open & 20 wooded w/unlimited possibilities Only 5 minutes from Athens Nice view **$39,000.**

475 acre dairy farm, 360 acres tillable Featuring 154 freestall barn with 2 bunk feeder units, double 8 Herringbone parlor with sick room, office, bath & milkhouse with two 1000 gal tanks Three 24 x 60 silos and one 20 x 55 silo with unloaders, 50 x 245 pole styled dry cow & heifer barn with drive through feeding Lovely 2½ story home with 14 rooms & 2 baths, tenant house & 2 ponds All this & much more for $575,000 Call for details #311

190 acre general farm, 80 T, 90 pasture, nice 2 story home, 6 rooms & bath, bank barn, 2 silos in good condition, implement shed, garage & more All for **$105,000. #297.**

180 acre, 150 tillable, level land to gentle rolling, beautiful big new rancher w/fireplace, barn remodeled w/new addition, 58 tie stalls, could easily add 16 stalls, bulk tank, dumping station, 18x65 concrete stave silo w/unloader, heifer barn & machinery shed Located on macadam road Sets very nice, must be seen to appreciate. All for **$225,000.** Cattle & machinery optional Additional acreage available for rent

86 acre investment opportunity w/country living 40 acres wooded & 46 open, includes 12x70 nice mobile home w/1½ bath & garage Located in lovely setting near lake Call for details, **$69,500 #273.**

WOODED ACREAGE
11 acres **$11,000**
38 acres **$26,700**

SUSQUEHANNA COUNTY
NEW
140 acre dairy farm, 95 tillable, gently rolling to almost level A picture clean farm operation with 42 stanchions, stainless steel pipeline, 2 box stalls, 6 calf stalls & enclosed spreader pit Two 20 x 40 concrete stave silos with unloaders, 650 gal bulk tank, 2 large poll sheds for machinery & heifers, frame 8 room 2½ story house, modern kitchen, 1½ baths, carport & patio Must be seen to appreciate $225,000 #324

67 acres of prime hunting ground, **$34,000.**

100 acre dairy farm, 63 stall barn, remodeled 8 room home w/bath, new machinery shed, 20x60 Harvestore silo, in a nice setting, **$162,000. #267.**

19 acres, lovely woodland, suitable for hunting or retreat **$22,500**

40 acres of woodland, **$26,500.**

Several other parcels available

SCHUYLKILL COUNTY
149 acre potato & vegetable farm, 75 T, featuring lovely remodeled home with modern kitchen & bath, formal dining room, large livingroom & 5 bedrooms 70 x 90 bank barn potato storage, also marketable timber. All for **$165,000 #288.**

SNYDER COUNTY
New
101 Acre dairy farm features lovely home w/large kitchen, 1½ baths, 4 bedrooms & laundry, 70 freestall barn w/box stalls, 8 stall Herringbone parlor, auto. feeders, 20x60 concrete silo w/unloader, 40x100 pole building, bank barn & much more, $180,000 #328

96 acre general farm, 60 tillable with nice 2½ story frame colonial double home, 11 rooms, 2 baths, 2 kitchens, all in good condition Large barn set up for 10,000 broilers, trout stream on property, good hunting & fishing area **$130,000 #307.**

Lovely 2 story colonial plank home, 10 rooms featuring 2 livingrooms, large kitchen, 4 bedrooms & bath Located in rural area with trout stream on property **$36,000**
Also 12 acres of open ground with trout stream Prime for building or recreation, on hard road $32,000

JUNIATA COUNTY
REDUCED
156 acre general farm, 125 tillable, featuring lovely 2½ story 8 room farmhouse with country kitchen, 3 floor 15,000 bird broiler house, 100 x 80 bank barn & 30 acres box wire fencing 17 crate farrowing & feeding operation, 275 bu grain dryer with 3000 bu storage bins Concrete silo & large bunk silo, good ground All for ~~$250,000~~ Reduced $210,000 #320 Full line of Farm Equipment, hogs & cattle available under separate contract Call for details

10 acre w/lovely Cape Cod 8 room & 2 baths, full basement in a very nice setting, excellent for hunting or vacation home, nice view, **$65,000. #283.**

SOMERSET COUNTY
196 acre dairy farm, 140 T, 60 tie stall bank barn w/new pipeline & bulk tank, lovely victorian home with large kitchen, DR, LR, study, 4 bedrooms & bath, 20 x 60 conc. silo with unloader, large Quonset machinery shed & other outbuildings, good ground, **$275,000. #296.**

LEHIGH COUNTY
102 acre steer farm, barn feed lot and silo Large stone house, center entrance, ready to be renovated **$225,000 #145.**

POTTER COUNTY
16½ Acre woodland setting w/nice 12x60 trailer, fronts 2 roads Good hunting & fishing $30,000 #312
40 acres of mountain land, 10 acres open Remainder woodland, borders on hard road one side **$20,000 #109.**

COLUMBIA COUNTY
180 acre dairy farm, 118 tillable, 36 stalls, bulk tank, several sheds & second small barn, corn crib, 2 silos & grain storage bins Lovely 2 story farm house with 9 rooms & 1½ baths, remodeled Slightly rolling & level good ground ~~$225,000~~, make an offer, reduced $210,000 #310

Lovely 7 acre farmette featuring 2 story home with 10 rooms and bath plus large barn & machinery shed all in good condition FHA approved $65,000 #309

NEW JERSEY
80 acre dairy farm, gently rolling to level, streams & pond 2½ story home with 4 bedrooms & 2 baths, large remodeled kitchen, dining rm , & laundry 60 stall barn & 80 freestall milkhouse, bulk tank, large shop, new large machinery shed & corn crib, 14x40 concrete silo & 200x25 trench silo $250,000

OTHER FARMS AVAILABLE
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RALPH CONNELLY
Chester Co

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Bradford Co
JOE SIEBER
Juniata Co
AMOS BALSBAUGH
Lebanon Co
HAROLD SHELDON
Susquehanna Co

LESTER KLINGER
Union Co
KEN THRUSH
Columbia Co
JAMES SHOEMAKER
Bucks Co
RAYMOND SWARTLEY
Bucks Co

REAL ESTATE

REAL ESTATE

DAIRY FARM WANTED

High producing modern farm with 50-100 acres tillable, set up for 40-60 cows. House must be in good repair. Farm must be located within 60 miles of Lancaster. This farm is needed to relocate one of my clients.

Send information to
Ken Greider

MULTIPLE BROKERS REALTY CO.
Box 476, Lancaster, PA 17604
717-393-9751
717-291-9198 after 7 a.m.

PRICED TO SELL QUICKLY! 200 acre Dairy farm. Good alfalfa and corn land, new modern dairy operation, Harvestore silos, level land. Price reduction on this one! Was ~~$675,000~~ NOW $595,000 Possession for this spring.

SOUTHERN CHESTER COUNTY - 70 acre Dairy farm, milking parlor, nice 5 bedroom house, assumable second mortgage at 5% interest.

NORTHERN CHESTER COUNTY FARM. 72 acre farm with 2 story stucco over stone farmhouse, large stone barn in beautiful condition, springhouse and good ground. Good for the investor too! $374,000.

CHESTER COUNTY - 101 acres open land, no buildings, priced so you can build the most efficient building for any farm enterprise. This land has a good soil type and is well drained. A stream flows through the 20 acres of woodland

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After 6:00 P.M. call
859-8711

SCHOENECK - Like a challenge? We've got the one for you! A beautiful sandstone farmhouse, with 3 bedrooms, 1 bath, broad pine floors and those unique deep windows! 2 barns on 1½ acres A great buy for in the 40's!

HOPELAND - 2 semi's located on 5½ acres with barn Live in one side rent the other One side has 4 bedrooms, the other 3 Large new kitchen A must to see!

REINHOLDS - "Handyman Special" This small farmette with horse barn is located on 2 acres Second floor featuring 4 bedrooms has been freshly decorated. Large kitchen and an old walk in fireplace off kitchen priced in the 30's!

SCHOENECK - This farmette would be ideal for you horse lovers! Home has been totally remodeled inside with a large custom kitchen, 4 bedrooms, 1 bath Barn could board 6 - 8 horses and is located on 29 acres Price just reduced! Owner financing available at low interest rate! Call to see this one today!

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717-738-4261

REAL ESTATE

REAL ESTATE

Wynwood Real Estate, Inc. 717-732-3693 717-774-1914

OUTSTANDING FARM

295 acres at Rt. 230 (3 miles east on Rt. 230 from Rt. 283 & 230 exit). Acreage in Lancaster and Dauphin Counties, 200 tillable, remainder woodland and pasture, excellent stream. Land in high state of cultivation. Over 11,000 ft. frontage, 2 story residence, lg. steer barn, tobacco barn, 4,600 sq. ft. metal building used as office, storage and repair shop.

PERRY COUNTY

200 acre farm in Carroll Twp., beautiful rolling land, 2 story residence, barn, greenhouse and pond, approx. 7,000 ft. frontage.

PERRY CO. - BUILDING LOTS

Shermansdale area, approved subdivision, beautiful view. 147x300 - $8500. 200x270 - $9500.

ADAMS COUNTY

3 bdrm. ranch, double carport, fireplace in living room, woodstove in basement, 4 car garage, 24x24 block building, on 14.25 acres, level land (half wooded) adjoining state game lands, 1 mi. east from Rt. 15 & Heidlersburg exit.

KEY REAL ESTATE
108 York St Hanover, Pa
632-6400

Gettysburg 334-8144
Westminster 301-848-0080
York 845-4810

York Co. 95 acres, 80 tillable dairy farm, 2½ story frame home, bank barn, 3 silos, freestall barn and milking parlor need to be completed, $250,000 L-3546

Adams Co. 40-acre broiler & hog farm, 2½ story frame home, country location, $140,000. Sellers will sell 10-30 acres separate $1,300. acre & up. L-2933

L-3284 Adams Co. 82 acres mostly tillable land, 2400 ft. road frontage. $124,000.

L-3452-9 Gentleman's Farm, Excellent condition throughout, 2½ story home with large kitchen, 5 BR, 2 baths, 40'x60' barn, chicken house, hog shed, presently set up for sheep, area for horses in barn. 3 ac. tillable, 3 ac. woods, 13 ac. in pasture, (10 ac. fenced)

L-3402 Adams Co. horse farm, 100 acres all fenced, 104 x 120 ft. horse barn with riding arena, bank barn, stone civil war home, modern rancher home with pool. Nice setting at $310,000. May be purchased without rancher home and 10 acres for $230,000., 12% financing.

L-3162 Adams County Dairy & Layer Farm, 136 acres, large brick home, 22,000 bird layer house, dairy barn, silo, bunk feeder. Sellers will sell dairy & layer separately to two simultaneous buyers $310,000.

L-3327 Juniata Co. Dairy, 85 acres mostly tillable, large bank barn, large brick & frame ... on Rt. 75 & Tuscarora Creek, additional acreage available for lease or purchase. $100,000. Owner financing available.

PRICE REDUCED

L-3469-1 Adams Co., land 100 acres level 75% tillable, balance wood land. $135,000. Located near 136 acre dairy & poultry farm.

Dan Rodgers 717-632-3468
Office - 717-632-6400

124

DAIRY FARM - LEBANON COUNTY

Only 10 Acres, But What A Set of Buildings!

Excellent for the dairy farmer who likes his cows, but not field work. You can save money by not buying all that equipment for the field. Priced under $200,000!

There's Still Other Farms Available For This Spring — Call Now!

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2230 5th St. Highway, Reading, PA 19605
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CENTRAL PA FARM LISTINGS

BEDFORD COUNTY

GENERAL FARM - 44 acres (28 tillable), 2 story house, garage, workshop, & bank barn in good condition. Small stream & pond. 20 miles from Johnstown. $75,900.

BLAIR COUNTY

GENERAL FARM - 120 acres (106 productive, tillable, 14 woodland), near Williamsburg. Solid. 2-story frame house and bank barn ideally suited for livestock. Buildings are centrally located on land. Price reduced to $192,500.

CENTRE COUNTY

FOUR LISTINGS - 2 MILES EAST OF REBERSBURG

70 ACRE GENERAL FARM — 2 Story frame house, bake shop (which could be converted to a house), bank barn, calf barn, implement shed, corn crib Combination. All building new since 1970. 28 acres of productive tillable land. 40 acres woodland, Price reduced to $115,000.

132 ACRE DAIRY FARM - Sound ... house, large bank barn with 27 tie stalls, milkhouse with 600 gal. ..., 2 silos, new cattle or horse barn, 85 acres of productive tillable la... acres pasture, 40 acres woodland Price reduced to $215,000

SOLD

147 ACRE GENERAL FARM - 2 story stone house, 2 bank barns (one with 29 tie stalls) workshop, 12'x55' concrete stave silo, stream & pond, 80 acres tillable, 30 acres pasture, 37 acres woodland. Price reduced to $175,000.

NEW LISTING - 8 ACRE FARMETTE - frontage on Rt. 192 Sound 2 story house, new 30' x 60' 2 story barn & garage. Nice laying land. Suitable for a limited acreage dairy operation with the adjacent barn listed below. $64,500.

NEW LISTING - 2 STORY BANK BARN, 41' x 90' with a 40' x 45' attachment The barn has 27 tie stalls & an attached milkhouse. 2 silos, 12' x 50' & 10' x 35', 2 implement sheds 2 acres of land included Small additional acreage available. $35,000 Adjacent to the farmette above.

AMISH FARMETTE - 3 Acres, good dwelling, barn, workshop (suitable for a retail business). Buildings in good condition, joins listings above Price reduced to $42,500

FARMETTE - Potters Mills area ... plank house, 2 story barn, good stream frontage situated on approx. ... acres tillable, 4 acres pasture & site) frontage on Rt. 144, additional 45 acres available. $49,500.

SOLD

GENERAL OR LIVESTOCK FARM - 75 acres (65 tillable), log & plank constructed house, new 40x80 2 story bank barn, 14x40 concrete stave silo. Between Spring Mills & Potters Mills $149,500 Partial owner financing. 140 acres tillable land available for rent

GENERAL FARM - 215 acres in Curtin Township near Romola, adjacent to Sproul State Forest. Picturesque with tillable and wooded acreage, 2-story house, 2-car garage, very good condition. Stream provides water for house and pond. Excellent investment, ideal for horses or recreation. $150,000. Owner financing

GENERAL OR HOG FARM - Near Spring Mills, 75 acres (30 tillable, 12 pasture and 33 woodland) 2-story frame house, 40'x70' bank barn with 29'x39' attachment, 2 corn cribs. Barn equipped for farrowing and finishing hogs. Small stream. Approximately 18 miles from State College Complete $97,500, 75 acres + barn only - $68,500, 39 acres + barn only - $52,500

OWNER FINANCING RATES AS LOW AS 9%

CLINTON COUNTY

LIVESTOCK FARM - 78 Acres (57 tillable) near Mill Hall, excellent 2 story house, bank barn, implement shed, 2 garages, stream $94,500

HUNTINGDON COUNTY

DAIRY FARM - 330 acres, (175 productive Hagerstown tillable, 125 pasture & ... woodland) 3 dwellings, large bank barn with 36 tie stalls & pipeline milker, 2 concrete stave silos with unloaders & miscellaneous outbuildings Dairy facilities are less than 2 yrs old Water supplied by springs $340,000 Owner Financing

JUNIATA COUNTY

SMALL FARM - 7 miles from Mifflintown on South Rt 35, 20± acres, (Approx 17 tillable acres & 1 acre of woodland), additional acreage available, good 2-story frame house, remodeled interior, 2 story barn, outbuildings, nice setting, good road frontage $89,000

LYCOMING COUNTY

LIVESTOCK OR DAIRY FARM - Near Lairdsville 270 acres (165 level, very productive tillable) Good 2 story house, bank barn, 60 x 120' cattle barn, suitable for freestalls, 20 x 60' Harvestore, 2 streams Owner financing $325,000

NORTHUMBERLAND COUNTY

GRAIN OR LIVESTOCK FARM -Near Turbotville 231 acres (174 very productive tillable) Good 2 story house, bank barn, implement sheds, & like new grain drying facilities Owner financing $344,000

UNION COUNTY

SMALL FARM - Adjoining Swengel - 29 acres (26 highly productive tillable), good one story frame dwelling, good bank barn, outbuildings, pond, $84,500 Adjacent original 2 story farm house & outbuildings also available, $28,500

MANY LAND PARCELS AVAILABLE. CALL OR WRITE FOR FREE LIST.

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
Don Myers (814) 422-8111
Mel Rockey (814) 466-6688
(Lewisburg) Larry W. Platt (717) 568-5563
(Bedford) Richard D. Reed (814) 839-4271

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REAL ESTATE

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Mount Joy, PA

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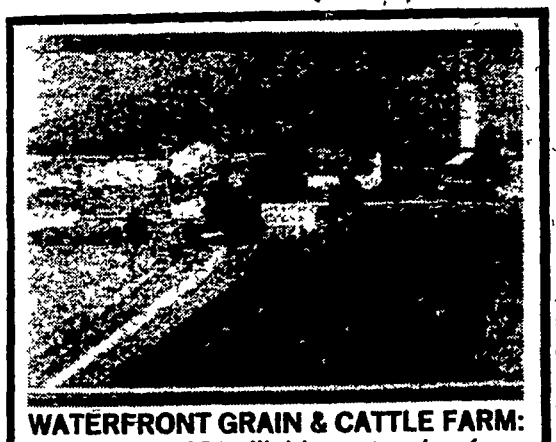
FARM LISTINGS NEEDED

Farm Salesman - Eugene Kreider



WATERFRONT GRAIN & CATTLE FARM: 475 acres - 281 tillable, extensive farm bldgs., 2 acre pond, 45 acres fenced for pasture. Comfortable 2 story home w/3 BRs, 1½ baths, central heat. Reduced to $2,150 per acre. MLS #90579

For further information please contact Bob McGinnis at:

Anderson-Stokes
P.O. Box 533
Chestertown, Md. 21620
301-778-5600

HUNTINGDON COUNTY DAIRY FARMS AND FARMETTES EARLY SPRING SPECIALS

UNION TOWNSHIP - JUST REDUCED FOR THE HANDY CARPENTER - 137-acre farm with two houses, barn, outbuildings, and garage. Excellent stream and pastureland. Property may be subdivided. $100,000.00 as is.

UNION TOWNSHIP - FARMSTEAD BARGAIN - 75-acre farm with pasture, woods, cropland, spring, stream, paved road. Beautiful 5-bedroom brick house, recently remodeled, and some outbuildings. Good hunting area. $79,800.00.

SHIRLEY TOWNSHIP - DAIRY FARM - 380 ± acres, 160 tillable, 60 pasture and 160 woodland. Stone house, dairy barn, restaurant and other buildings, including greenhouse and tenant house. Fifty free stalls and milk parlor. Restaurant and commercial frontage may be separated to substantially reduce the price. Owner financing to qualified buyer. Further subdivision possible. $347,500.00.

SHIRLEY TOWNSHIP - OPERATING DAIRY FARM - 3+ miles from previous farm. 200 acres - 75 tillable, 75 pasture, 50 woodland. Large barn, 50 free stalls, house and other outbuildings. $185,000.00 with woodland. $160,000.00 without woodland.

Call:

Tri-County Real Estate Agency, Inc.
305 Penn Street, Huntingdon,
Penna. 16652
(814) 643-5010 ANYTIME!

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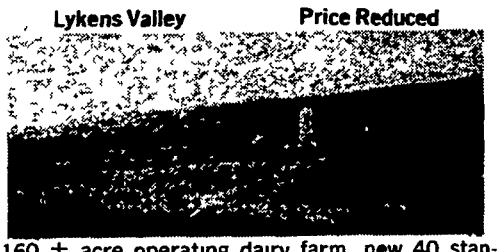
Due to our volume of country real estate sales, we need listings for farms and farmettes If you are considering selling, call our office for prompt professional service

THEODORE H. FRITZ, REALTOR — HELEN M. FRITZ, REALTOR ASSOCIATE

Ringtown Valley, 176 acres, vegetable or crop farm, 88 tillable, balance wooded, bank barn and potato storage, lg. pond, 7 bedroom double house, excellent water supply, possible owner financing at 10% $150,000

Lykens Valley — Price Reduced



160 ± acre operating dairy farm, new 40 stanchion barn plus 40x100 hay storage barn, new 20x70 silo, stream borders large 6 bedroom home, secluded $400,000

Lykens Valley - 100 + acres, large home, bank barn, 90 tillable, stream thru $240,000

Several 400-500 Acre Farms

140 + acres, 6 miles from Lykens Valley, 85 level tillable acres + 20 pasture, house and bank barn or rent with option to buy $235,000

Plain Acreage

1 acre to 22 acres

50 acres wooded mountain land, surveyed $50,000

PETER B. CORTELYOU
Real Estate
717-758-9177

MAILBOX MARKET

For Sale- 5 hol hiefers ages from 5 to 20 month Also JD corn binders Abram F Stoltzfus, Locust St , R1 Leola, Pa

For Sale- 327 single beater NH spreader, 130 bu size. ¼" stainless steel, cable used 717-656-9632

For Sale- 9 pure white Eskimo Spitz puppies, born April 17, please take orders now Levi Z Stoltzfus, R2 Box 254, Quarryville, Pa 17566 Jackson Rd Lanc Co

For Sale- Small DeLaval and large Economy King cream separators, both electric, KBA John Deere disk 24 disk $280 Lanc Co 215-445 6483

For Sale- 8N Ford tractor with or without Sauder loader, 717-423-5533 Cumb Co.

For Sale- Tractor, hydro-International 100, like new, 400 hrs , cab, AC, $16,000. Lehigh 821-8832 or 434-4617

For Sale- Reg yearling Polled Hereford Bulls, Dave Collins, Livingston Manor, New York 12758, Telephone 914-439-4718.

MAILBOX MARKET

Wanted- 2 used 14x38 rims in good condition for Farmall M Berks Co 215-682-2392 after 5.

Wanted- Steel wheels for Farmall M tractor, Amos M Stoltzfus, R2 Box 115, Millersburg, Pa 17061 Dauphin Co

For Sale- 4 year old Standard bred horse, ready for work Also a ram to pump water Jacob K Stoltzfus, RD1 Christiana, Near Bartville

For Sale- Top buggy Brakes & roller bearings Lanc Co 717-859-2409

For Sale- 2 Ford V8 engines, 1 Int V8 engine, 1 GMC 270 6 cyl engine All very good cond , 717 386-5438 before 7 a m or after 8 p m

Wanted- Single chain Badger self propelled end and single chain conveyor, Lanc Co 717-665-3865

For Sale- at David Goods Sale, 323 New Idea picker with engine mounted on ready for field, good condition

For Sale- Fickes cement stave silo 12x50, must move, dome roof, good condition, Sch Co 717-345-8578

MAILBOX MARKET

For Sale- Automatic upright sump pump Excellent shape, $35 Also twin carbon arc torch, almost new $20. Lanc. Co 717-733-8007.

For Sale- 1958 Dodge Truck cab & chassis 17,000 lbs gross good tires, needs brakes $700. 215-252-4252 Northampton Co.

For Sale- 14 head feeder cattle 450-550 lbs. Angus/Holstein, steers/heifers $300 per head. Chester Co 215-593-5306.

For Sale- 12 York-Landrace gilts bred to Duroc boars. Due to farrow starting May 8 Accurate breeding dates Lanc Co 717-464-2028

For Sale- V.E. 4 cylinder Wisconsin engine, working condition Purebred Jersey bull calf, 2 months old Jonas L Zook, R2 Box 320D Myerstown, Pa 17067.

For Sale- MF 35 farm tractor, 3 pt. hydraulic, nice condition. 1900 hours, $2200. Lanc Co 717-367-3371.

For Sale- Complete DeLaval pipeline with 6 units, $2800. Lebanon Co. 717-838-5517.

For Sale- Beamless - one row transplanter $15, 3 horse Wiard moldboard plow, good shape $15. New humidifier $75. Lanc Co. 717-393-3179.

For Sale- 11x40 tire tube and wheel, $80. JD L, good cond., $850. 717-653-1260.

For Sale- Agstar Calf Castle 12'x32' slatted floors, with manure pit, holds 32 calves, like new. Fulton Co. 717-294-3349

For Sale- 7 ft. MC rotary scythe, good cond. with new blades $1600 J.J. Yoder, R1, Box 415, Belleville, Pa 17004

For Sale- Oliver 4 row cornplanter $200 3 pt hitch Oliver manure $400 Used pumping station, $300 Sullivan Co 717-924-3847.

For Sale- Better built hi pressure manure pump complete w/loading stand, hoses, & 2 way valve, like new, $1500 717-397-9921 Lanc Co

Wanted- 1500 ft of 5 in and 1000 ft. 4 in irrigation pipe an nozzles Leb. Co 717-865-2529

Wanted- Soybean seed drum for IH 400 cyclo 4 row planter, also need a 5th wheel dump trailer for a pickup Call 609-758-7586.

By owner - 17A farmette w/large house & barn, in good cond conveniently located between Harrisburg & Lanc 717-367-1805 Lanc Co

For Sale- Int dump truck, B180 14' Midwest grain body, 26,000 GVW, new paint and inspection, good cond Berks Co 215-689-5623

For Sale- 70 hp Leyland, Taylor-Way 11 ft disc and chisel plow, 205 Badger spreader, 8 Clay farrowing crates, Lebanon 717-865-6284

For Sale- AC 5 row no-till corn planter Westmoreland Co 412-238-4265 after dark

For Sale- NH #517 spreader, triple beater, 205 bushel, good condition, $1500 New Holland Super 24 table forage blower, PTO $400 Frystown 717-933-8764

For Sale- AKC German Shothaired pointer pups Reasonable, Lanc Co 215-267-5983

For Sale- Gandy Herbicide applicator 14' good cond for mt on disc, asking $500 215-562-8451 Berks Co

For Sale 6 ft Reading utility box, good cond , asking $100 Mercer Co 609-737-3543

For Sale- Mattress & bedspring $20, room screen $40, barn boards (no paint), $1 25 ft , kitchen fixture $25 Game News Mag '57 - '74 - $10 After 4, 717-548-2665

MAILBOX MARKET

For Sale- 303 AC baler w/kicker, good shape $1000, Majonnier milk tank w/compressor $300 717-382-4285

For Sale MF hay rake, corn planter, JD 494A insecticide hoppers 533-9390.

For Sale- JD 9' field cultv , $250, 2 antique corn shellers, 1½"x10" oak planks Calf box for 8' pickup truck, roof and closed sides Dauphin Co 717-533-7051.

For Sale- 1970 Ford F1000, Tractor w/sleeper, Tandem axle, 250 Cummins Engine, w/10 speed Road Ranger, $3900 717-866-4928

For Sale- 40 Ft Storage Trailer, 717-733-4973.

For Sale- 2 row JD corn planter, 3 pt. hitch. Assortment locust & creosoted pine fence posts, 717-865-4932 Lebanon Co.

For Sale- MF combine #35 S.P., 8' cut, ready for field, $1500 Case hay crimper steel rollers, good shape, $200 302-658-0566

For Sale- JD #44 2 bottom plow hyd. L N , 215-257-7491

For Sale- 1 young boar, 3 way cross 40 cents a lb Lanc Co. 215-445-7191

For Sale- Heavy chickens alive or dressed, 1 mile North of White Horse Gideon King, #1 Gap, Pa 17527.

For Sale- Horsedrawn garden shovel harrow, like new, 717-786-3567.

For Sale- 300 Sex Sal yearling hens, Daniel S Dienner R1 Gap Pa 17527

For Sale- Farmall A tractor, excellent cond , good rubber, PTO complete w/belt pulley 16" mounted plow & cultivators, outfit $2700 Leb Co 717-933-8274

For Sale- 53 Chevy Truck, w/12 ft alum vanbody look good runs good 825-20 rubber 17,000 GVW $500 Berks Co 215-286-5311

For Sale- Dump truck, Int single axle 30,000 GVW 5&2 speed, steel dump, good cond , $1995 Berks 215-582-4001 or 582-4380

For Sale- New log rollers, John K Stoltzfus, Christiana R1 Pa Box 224 1 miles east of Kirkwood

For Sale- Fox terrier puppies, will be six wks old May 14 Enos J Zook, Summit Hill Dr R3 Quarryville Pa box 171A 17566

For Sale- MF 12' 3 pt disc harrow, fair cond , $500 Allied Grinder-mixer, fair cond , $875 UD 18 Int motor for parts, Fulton Co 814-685-3385

For Sale- two mares, half-Arabian, 2 years old also two yearling mules, 717-933-4880, 933-4385 Berks Co

For Sale- New Idea, 3 pt pitmenless grass mower, Oliver 3 pt 3 bottom plow, Lanc 717-354-0159

Wanted an old hot water heater for use as a hot water supply tank Must have at least 3 outlets and hold 40 gallons Israel S Beiler, Christiana, R1 Box 117, Pa 17509

For Sale- Wheat Straw, 400 bales at barn, no rain Call evenings 717-653-5142 Lanc Co

For Sale- Pasture with stream, Lanc Co 717-656 9801

For Sale- AC 170 Diesel tractor wide front, 2250 hr excellent condition Northumberland Co 717-538 2106

For Sale- Int S P 225 haybine, fair condition, good motor, half cab, new knife $800 4-5 hole 15 inch Ford Truck wheels $30 pair Perry Co 717-567 6183

For Sale- Rambler 2 door sedan, new pot belly stove Myers elec pump Berks Co 215-926 3973

MAILBOX MARKET

Wanted- Open Pollinated Sweet corn (yellow) approx. 75 day also field corn 75-80 day Phone collect or write, 814-765-7773, Cora Killeen, R3, Box 212A Clearfield, Pa 16830

For Sale- Int 45 baler, good condition, plus one for parts $375 1962 Ford p/u 6 cylinder, good mechanically, body needs work, $350. York Co 717-632-7753

For Sale- NH Super 717 Fg Harvester w/38" 2R cow head & hay head, real good cond. Also 121 Pittsburg Disk 215-944-0263.

Pocono Rental- Monroe Co — Cabin with private fishing on stream, pool, tennis Weekly, weekend, spring, summer, 609-424-3784.

For Sale- 4-H project, 2 reg. Holstein heifers, 1 to freshen June, 1 Nov Clinton Co. 717-962-3295.

For Sale- JD 530 tractor, three pt. & live pto Cumberland Co 717-776-6136.

For Sale- NI Transplanter, also parts for same, 8 row Clark field sprayer, w/roller pump, Perry Co Box 54B, RD2, Loysville, Pa. 17047

For Sale- Oliver disk $100, roller harrow $75, 2 pcs. Channel steel, 2"x8"x12' 717-684-3381

For Sale- BEST OFFER - 1972 Ford 750 with 22' flat bed, new paint, 30,000 lbs. gross weight Also 59 Willy's Jeep, best offer. 717-367-3202

For Sale- 25" Homemade Raggedy Ann and Andy, $30 per set 717-653-5201 or 717 665-6059

For Sale- 8 yr old Standredbred carriage horse, traffic safe & sound A good family horse Amos L. Beiler, Loop Rd , Box 111, RD4, Quarryville, PA 17566

For Sale- Vegetable-flower plants, 12-15 plants in market packs, $1 717-862-3527

For Sale- 6 rifle gun cabinet, walnut finish, like new condition, $85 ideal father's day gift, delivery possible Chester Co 215-593-5306

For Sale- New IH Cyclo 400, 4 row corn planter, dry fertilizer, $4500. New IH 133 4 row cultivator, 3 pt hitch, $1850 215-756-6103 Lehigh Co

For Sale- 1954 Allis WD with loader and plow Good condition $995 Berks Co 215-926-2664

For Sale- Antique wicker sled $495 or best offer also Mixed hay, 2 to 4 years old, Middletown, Va 703-869-2202

Wanted- NH 68 baler for parts or usable for same Also 2 13 6x38 tractor tires For Sale- 50 rain birds No 70 Call Cumb NJ 609-825-5051

For Sale- 48" Sawmill blade, excellent cond , Just hammered, new teeth & shanks $400 301 658-5057 Ce Co Md

Wanted Portable sheep dipping vat Mifflin Co 717-935-2424

For Sale 2 Forge wagons 1 Grove, 1 New Idea, 44 Massey Harris with Ford V-8 engine, 717-866-2891, Lebanon Co

Wanted Female, fawn boxer, from puppy up to 3 years old Berks Co 215-944-7453

Wanted Corn weeder for parts or teeth only John A Stoltzfus, Box 24, Rebersburg, Pa Centre Co 16872

For Sale- D2 Caterpillar cleats, like new, $1875 NH 275 bale super sweep & chute, Surge vacuum pump w/5 hp motor, 309 Ford cornplanter, alfa hay, 717-354-0266

For Sale Bale thrower unit with engine, for New Holland baler. John I Beiler, Rt 1 box 256, Gap, PA 17527

MAILBOX MARKET

For Sale- 6 complete farrowing crates and 1 Kalglo Modulating unit with 5 32 inch 800 watt infared heaters, Lanc Co 717-684-5510 after 5 p m

For Sale- A B61 Mack with a 9 ft boom spreader, $3500 will seperate A Stoltzfus 10 ft. fan spreader $800 717-922-1041 Union Co

For Sale- '53 Chevy pickup, 6 cyl, new inspec., good cond, priced to sell Also Wanted Potato Plow, Lanc Co 717-665-3139.

Why Bale Hay? Guarnatee your Spring & Fall forages a success! Ag-Bagging on your farm. Call now, 201-859-2616

Guaranteed Registered Belgian Stud Service Must see to appreciate, nice colt at side John L Stoltzfus, Box 125-B Cochranville, Pa. 19330.

For Sale- Beautiful registered border collie pups, natural workers, 2 male, 2 female, 717-865 3278 Lebanon after 5 p m

For Sale- McCormick Deering 2 row corn planter with late fertilizer attachments, good condition, Daniel E Beiler, Christiana Pa Box 66, 17509.

For Sale- 1 40 ft Gooseneck trailer, also 96 7 acres of land Woodhull New York, Steuben Co 607-458 5386

For Sale- Delaval #75 milker pump with 2h motor and vacuum tank New Idea 212, 3 beater manure spreader Brillion 10 ft transport harrow with drag All in good condition, Lanc Co 717 354-9340

For Sale- 2 row Ford 3 pt corn planter/plates, insecticide box $200 6 hp 26" riding mower $150 30" Franklin Stove-make offer 717-758-3734 Northumberland Co

For Sale- 75' leg elevator with (10) 6" drain spouts, 500 bu batch dryer, 7500 bu grain bin, 12,500 bu grain bin, 301-834-9521 Frederick Co. Md after 7 p m

For Sale- Gehl 880 mower/conditioner $1250 Franklin Co 717-263-3388 daytime or 717-264-1624 after 6 30 p m

Wanted- Belt pulley to fit over PTO shaft of International 300 tractor, Bedford Co 814-652-5790

For Sale- Shovel harrow, wooden feed bin, bricks, concrete watering trough, tin roofing, lumber, and 6" block Lanc Co 295-9298

For Sale- Holstein feeder cattle York Co. 717-225-3894

For Sale- Gravely walk-behind garden tractor with sicklebar, 30" rotary mower, cultivator, sulky $495 Berks Co 215-286-6034 evenings/weekends

For Sale- New 96 calf veal barn, four bed room house on 14 acres, Bradford Co 717-673-5439

For Sale- Two crossbred sows, have had two litters Wanted- old Surge milker in operating conditon, 609-267-4411 Burlington Co NJ

For Sale- Poultry equipment - fans of all sizes 18 to 36 in. Shenandoah gas brooders and waterers Quaker-maid hanging feeders, etc 717-938-2197

For Sale 770 Oliver tractor, power steering $1200, Also, 1250 Oliver tractor, $4000, both gas Leb Co 717-949 6823

For Sale- Used 160 MF manure spreader, exc cond 717-733 0280 Lanc Co

For Sale 137 free stalls w/rubber mats 215 869-2116 bet 7 & 7 30 a m Chester Co

For Sale- Chicken manure Lanc Co 717 464-3077

MAILBOX MARKET

For Sale- 1978 Case 580C extendahoe, like new 150 hrs. Bradford Co 717-297-3152 or Mong Co 215-721-0461

For Sale- Ford 3 pt mower, needs repairs $250 Also 10 ft cultipacker 12" rollers $175 Cumberland Co 717-243-1281

Young couple looking for apartment in Manheim, Lititz or East Petersburg Need by July 1, Call anytime after 5 p m. at 626-1198 or anytime after 6 p.m. at 665-4146.

Wanted- Steel wheels for 400 Farmall Ben A Fisher, 10943 Mowersville Road, Newburg, Pa 17240.

Will buy moldy grain by the ton, 301-833-1847

For Sale- Case 1070 cab-air, 970 hrs., IH 450 4 bottom plow, 3 pt hitch, auto. reset, Washington Co 301-797-4118.

For Sale- 2100 Fox harvester 2 heads like new. 990 Int hay bine has cut 200 acres. JD 14T baler w/ejector. 10 ft. MF disc, transport, 30 ft. New Holland elevator, 814-383-2601

For Rent 12 acres pasture $110 per month Lanc Co 717-665-6368

House to be removed/dismantled, 2 story, 8 room frame house, panneled attic Best offer over $1000 717-272-9783 between 6 30 a m & 8 a m Lebanon Co

For Sale- Bear Cat 5A feed grinder, 717-426-3366 Lanc Co

For Sale- JD 45 combine 10' cut, JD 234 corn head, Cunningham crimper, Int 42 hp gas engine, Bucks Co 215 249-3623

For Sale- ACE Centrifugal sprayer pump, PTO used very little, new $135 Will sell for $60. Lanc Co 717-786-2034

For Sale- Horse drawn dump rake, Int #47 Bale w/#10 thrower, $950 7'x14' Bale wagon, $400 NH #27 silage blower $500 Berks 215-689-5387

For Sale- 7x10 M G S trailer with Kodaik top, side door & ramp door, 3,000 lb cap, good condition, Berks Co 717-866-4280

For Sale- 56"x14" wide steel wheels to fit 730 JD Also old weber wooden spoke farm wagon for horses in good condition, Bedford Co 814-766 3591

For Sale- IHC Cub equip sickle bar $150 Cultivator $375 Corn planter $325 Plw $225 Belt pulley $100, 301-692-5263 Harford Co

For Sale- 3 Surge 50 lbs milkers w/electric pulsators BB4V pump, electric pulsators timer, stall cocks JD 494 corn planter, Adams Co 717-624-4724

For Sale- Good used break carts one with rubber tires Also pony and horse carts made to order John M Stoltzfus, Narvon Pa RD2 Box 280 Lanc Co Blank Road

For Sale- 200 year old stone house and large bank barn with 53 acres on state route 11 & 15 Jake Lengacker, R1 Box 77 Port Trevorton, Pa 17864

For Sale- Hols bred & open heifers, 215-323 2409 Chester Co

For Sale Fresh Ayrshire cows from herd averaging 15,200m 630F 215-589 2644

For Sale- Bale thrower for NH 269 hayliner baler, good condition, reasonable, Schuylkill Co 717-889 3704

For Sale Flatbed trailer, 2 axles electric brakes, 7 00x16 tires 609 965 3526 Atlantic Co

For Sale Transplanter single row poweil model 42 two seat $135 York Co 717-259 0634

MAILBOX MARKET

For Sale- Reg Hampshire ram, 50 - 2 yr old Western ewes - Ram boulet-Suffolk cross, 20 1 year old ewes, 60 - 1 month old lambs. Tioga Co 717 673-3458

Wanted Tank for water 2 6M also 1 1/4 or 1 1/2 plastic pipe, 717-266-1719 after 5 York Co

Wanted- Used combine 10 or 12 ft. cut must be in good condition, Cab not important Somerset Co 814-267-4100

Will sell or lease, A Q.H A Joe Cody Mare, her daughter by Doc's Benito Bar, Stallion by Sheik's Review Berks Co 215-683-5269

For Sale- Ferguson 14" 2 bottom plow with coulters, jointers & 6 spare shares, 3 joint hitch JD 10 hoe grain drill 896-8260 Dauphin Co.

For Sale- 1966 F600 Cabover Ford Truck 18 ft steel flat bed, 2 speed rear, all new tires, rebuilt engine $2950 609-451-6926.

MAILBOX MARKET

For Sale- 100 head young cattle, Charolais, Holstein, Swiss, B W F and Angus cross steers Charolais and Holstein heifers Perry Co 717-589-3456

Wanted- Hesston PT7 steel roll or whole machine for parts, 717-868-3302.

Wanted- Old Penna. hunting & fishing lic & related papers - 1913 thru 1930 William A. Johnson, Box 87, Everett, Pa. 15537

For Sale- Purebred Angus yearling bulls Sired by Popular nationally known bulls, and out of big frame cows 717-235-6922 York Co.

For Sale- 1947 Chevy 2 dr. $475 or b/o body, Int. ok, engine poor. 1969 GMC 2 ton cab and chassis $900. 301-287-8309.

For Sale- 5 yr. old Reg polled hereford, Just Ank Murphy 286y sired cow with 1 month Vindicator sired bull calf at side. Fulton Co. 717-987-3395 evenings.

MAILBOX MARKET

For Sale- One 34 foot storage van trailer Has single axle and can easily be moved David S King, Box 275B, R2 Myerstown, Pa 17067 Leb Co.

For Sale- Like new Steam Jenny, sold new for $1990. Used two hours $900 Old pot belly, four hole store, $125. 469-0193 Dauphin Co

For Sale- Wisconsin 18 hp 2 cylinder T.H D engine with reduction gear. Commercial hydraulic pump for dump trailer with valve and hoses, Lancaster Co. 717-393-7452 evenings

Wanted- Contractor to erect 24x32 pole barn. Grantville area. Dauphin Co. 717-469-7213.

For Sale- Woods C-80 tag-a-long mower with 7' cut. Good condition, $950. Chester Co 215-827-7125.

For Sale- Straw $40/ton at barn also 4 btm. 3 pt. hitch, JD plow in exc. cond. Cumb. Co 717-243-1198

MAILBOX MARKET

For Sale- 21" barn fan w/louvers 717-464-2233

Wanted- Side delivery rake for old AC tractor Baltimore Co, Md 301-666-1153

Old 2 horse wagon with spring seat - made in Lanc. Co exc cond. 717-872-7081 $300 or best offer. Lanc. Co

1 Wood Bros corn picker, $20.00 for parts complete. 609-965-1285

David Bradley garden tractor w/snow plow, lawn roller, harrow, $200. 201-566-3457, ask for Joe.

For Sale- IH UD-9 power unit overhauled same as TD 9, also rebuilt head for the same. Lanc Co. 215-445-6186

For Sale- Eight home raised Charolais & Hereford cattle, weigh 300-400 lbs. Dauphin Co after 8 p m 717-944-3044.

Wanted To Buy- Quarter horse mare for breeding & trail riding, reasonable. For Sale- Pair of geese, brown & white. Carroll Co, Md. 301-857-4639.

MAILBOX MARKET

For Sale- Hyd Tailgate, 92"x54" $150, 240 good milk cans - $8 00 each, 18" Backhoe bucket - $100 4 cyl. Wis. engine $50 Darlington, Md 301-838-4682

For Sale- Massey 12' S P. combine $1000. Walking plow, 8N Ford tractor, hay dump rake, flat bed wagon, horse mower, oats & corn 215-346-7410 after 8 p.m

For Sale- Plow - McCormick Deering, 2 bottom 12" trail type $95 York Co 717-755-1364.

For Sale- JD 2 row corn planter, Model #246 - $375. Chester Co 215-644-3535

For Sale- Two run Hershey tobacco planter, 717-653-4175 Lanc. Co

For Sale- Smidley cattle self-feeder, two 12-hole hog feeders, one 4-hole hog feeder. Five tooth chisel plow, 717-432-4767 York Co.

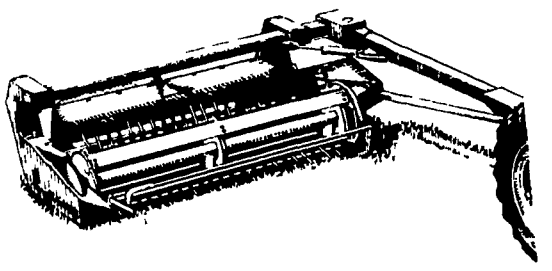
For Sale- Three Cheviot-Suffolk cross ewes, good milkers, hardy, had twins. $50 each York Co 717-428-1162

PRICES SLASHED
ON USED TRACTORS AND EQUIPMENT

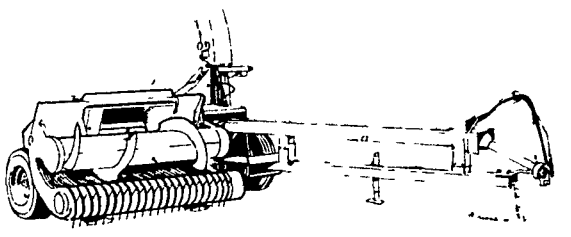
	Reg	SALE
AC 600 Planter, 4 Row No-Till, 1 owner Excellent	~~2395 00~~	1895.00
Farmall Super A	~~2550 00~~	1375.00
International 455 4 Row Planter w/insecticide	~~1600 00~~	1400:00
Industrial 2606 Diesel Loader Backhoe	~~6700 00~~	4550.00
International 544	~~5150 00~~	3995.00
Ford 8N	~~2000 00~~	1595.00
B-275 Tractor on Steel	~~2250 00~~	1595.00
Farmall Super MTA, P S	~~2500 00~~	1895.00
Farmall 460	~~2750 00~~	2195.00
International 674, Low Hours, Excellent Rubber	~~5950 00~~	5950.00

	Reg.	SALE
John Deere 336 Baler w/#30 thrower	~~$4500 00~~	3595.00
John Deere 14T Baler	~~750 00~~	495.00
New Holland 717 Forage Harvester, 9 Knife	~~1395 00~~	795.00
Fox I-546 Harvester w/ Row Crop & Pickup	~~1850 00~~	1095.00
IH #50 Forage Harvester w/Row Crop & Pickup, Engine Drive	~~2500 00~~	2000.00
Papec 54" Forage Blower	~~650 00~~	495.00
IH #1150 Grinder Mixer	~~3450 00~~	2495.00
Grove 16 foot Forage Box	~~1500 00~~	795.00
IH #40 Manure Spreader	~~750 00~~	495.00

NEW HAY SPECIALS



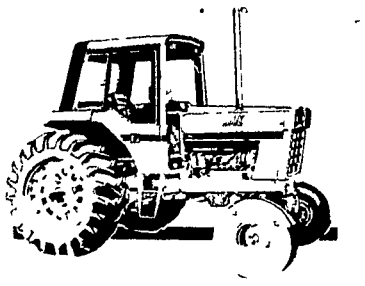
1190 MOWER CONDITIONER 9 ft.
$5675



720 FORAGE HARVESTER WITH HAY PICKUP
$7985

CREAM PUFFS

Int. 1460 Axial flow combine - used 490 hours, w/6 row narrow corn head
Int. 1066 Diesel completely rebuilt, very, very clean
J.D. 4030 Diesel 77 model 495 hours.
A.C. 190XT Series 3 with cab, 2100 hours, outstanding condition



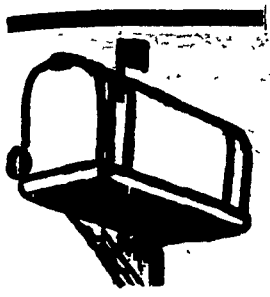
IH 1086 With Roll Frame
$26,900

USED TRUCK SPECIALS

INTERNATIONAL 1754
180 hp. diesel, 26,000 G.V.W., 206 in. wheelbase, dual 51 gal. step tanks, P.S., 5 speed transmission, 2 speed rear, 10:00 x 20 tires.
$19,750

INTERNATIONAL 1310
11,000 GVW Truck, A title, driven less than 20,000 miles, equipped with 10 ft. wood floor flat bed with hoist, 40" grain sides & cattle rack extensions, excellent rubber 4 speed transmission, power steering, outstanding condition.

HERITAGE INTERNATIONAL INC.
1054 SOUTH STATE ST., EPHRATA, PA 17520
PHONE 717-733-2283
★ TRY OUR CERTIFIED SERVICE
★ WE HAVE PARTS TOO



FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:

Limit your advertisement to 20 words; area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience. all advertisements must be mailed to the office by Tuesday or same will be held over for next week's paper; no business advertisements accepted.

Include your Lancaster Farming mailing label and mail to

Mail Box Market
Lancaster Farming
P.O. Box 366
Lititz, PA 17543

No Phone Calls Please

MAILBOX MARKET

For Sale- Cherry & walnut logs. Wanted- Ontario disc grain drill w/grass seeder. Jacob F. Stoltzfus, R1 Box 51, Kinzer, Pa. 17535.

For Sale- Amish closed carriage, ex. cond. $1350. Ivan L. Stoltzfus, #3, Box 44, New Holland, Pa. 17557.

For Sale- Work horse, safe for children, work's all day and anywhere $675. B.S. Miller, Route 1, Box 85, South Vintage Rd., Christiana, PA 17509.

For Sale- 60 feeder pigs, also 1963 Impala Chevy 4 door, hardtop, A1 condition, 60,000 miles. Franklin Co. 717-532-8403.

Twin Suffolk, western cross ewe lambs, 60 head, $55 each. Also, western breeding ewes, mostly 4 yr. old 717-648-3618.

For Sale- NH #26 hopper blower 56" drum, 100 h p shaft $950; NH #461 haybine for parts. Lanc. Co 717-733-3283.

For Sale- Old house w/old windows & antique fireplace. 717-548-2896.

For Sale- 17 Suffolk ewes, 1 ram, Samuel E. Fisher, 67 Mt. Pleasant Rd., Paradise, PA 17562 Lanc Co.

For Sale- Vinyl trailer skirting 12'x13" wide, $8 per sheet, can deliver, 1937 Dodge Sedan, restorable, $750. Leb. Co. 717-865-2739.

Old 60x72 oval brick lined outside bake oven built in 1800's; old fire place mantel and chair railing. 717-867-2350 Leb. Co.

For Sale- Farmall H w/or without loader, good mechanical tires, fair. 717-682-9277 after 5 p m Sch. Co.

For Sale- Hol. heifer about 600 lbs. Mont. Co. 215-754 6093.

For Sale- Reg. 3/4 Arabian filly, Bay, yearling. Iris Hooke, Star Rt. A, Box 71, Hightown, VA 24444, 703-468-2377 Highland Co

For Sale- Hughes 40T Lowboy in good cond, with almost new oak deck to swingout brackets for overwidth hauling; Horn-O-Plenty magnet feeder and IT bin. Franklin Co. 717-597-9074.

For Sale- 27' 5th wheel camper 77 Holaday and 79 Ford Super Cab F250. 814-766-2702 Bedford Co.

Toy Fox Terrier pups, UKC reg. $125. 201-996-6302.

MAILBOX MARKET

Guaranteed Stud service- $50, fancy registered Belgian, must see to appreciate, John L. Stoltzfus, Box 125B Cochranville, PA 19330.

Wanted- Christmas trees for Christmas 1981 Will buy cut or in ground, 215-968-4440.

Fox Terrier stud service. 717-354-7186.

For Sale- Peafowl, 6 cocks; 1978 hatch- $50 each, also 1979 chicks, $10 and up, Westminster, MD 301-876-1235.

For Sale- Reg. Angus bulls and heifers, Orange Gate Angus Farm, Maurertown, VA 22644, 703-459-3414

For Sale- JD 247 pickup baler with #2 ejector, good cond. Lanc. Co. 717-284-4837.

For Sale- New Van-Dale silo unloader, exc. cond. & exc. price, also New TMR Van Dale mixer feeder. 717-966-3264.

For Sale- Ford 3 pt. cultv., and 3 pt., 6' cutter bar mower. 215-777-2958 or 777-8664 Berks Co.

For Sale- Walnut boards, 250 a foot. Nice dried 1" boards. Also Astly wood burning stove, large model w/blower, used 2 seasons, exc. $175. 215-488-6826 Berks Co.

For Sale- Reg. boars, Spotted, Yorkshire, Hampshire & Landrace. 8 York-Landrace bred gilts. Liquid hog manure. 717-426-1539 or 717-653-5775 after 6 p.m.

For Sale- New two wheeler breaker cart rubber tire. Lanc. Co. 717-859-3053.

For Sale- Gandy applicator for hay balers, also used liquid applicators w/tank. Gideon Stoltzfus, RD2 Box 2276, Gap, PA 17527.

For Sale- WIC Bedding chopper New Nov. 1980. Write Enos K. Miller, R1 Box 178, Paradise, Pa. Lanc. Co.

Wanted- Fox grass head, $800. For Sale- 780 AC forage harvester w/heads. 717-532-7224 Cumberland Co.

For Sale- JD 2-row cultv. for JD 50; Robinson ventilating hay fan, 7½ h.p. motor, timer & controls. 717-867-4495 Leb. Co.

For Sale- Penn-Jersey Harvestore silo, 20x60 w/unloader. 1 mile South of Martic ville on Rt. 324. Amos S. Riehl, Box 106 RD1, Pequea, PA 17565.

For Sale- 4 Reg. Black Angus bulls, Marshall breeding, modern kind, ready to go. Berks Co. 215-689-9168.

For Sale- Potted cantaloupe plants. 717-354-7922.

For Sale- Farrowing house 5 yr. old, Agstar, sow castle, new wire flooring, 10 crates self contained $7000. 814-443-4111.

For Sale- 10-10-10 fert. $155; chemicals; seed corn $50; alfalfa, clover, timothy, soybeans; shelled corn, ear corn; 6 heifers 55 cents lb.; 35 feeder pigs $25; trucks. 717-444-3968.

Wanted- Maintenance & operator manual for JD MC crawler. Also grease gun for roller. Perry Co. 717-834-4169.

Wanted- Generator, no drive power required, 220 3 phase, 60 cycle, 1200 RPM, 60-80 KW. 201-226-6376 Essex Co., NJ.

For Sale- JD spin spreader, 3 pt. hitch No. 392. York Co. 717-235-1735.

For Sale- Bray Magnetic cattle breeding calendar w/plexiglass cover. $125 or make offer. Leb. Co. 717-865-2211.

For Sale- 2 pr. India blue peafowl, $75 per pair. 8 steel 4 light barn window at $15 each. Mont. Co. 215-723-5163.

Wanted- Small herd of Hols., preferably reg. DHIA, 15,000 of milk. Contact Evan L. Maust, 814-662-2866 Salisbury, Somerset Co.

MAILBOX MARKET

For Sale- 1977 International 1850, 466 diesel truck, Eby Aluminum Body, 7' high inside, 25' long. 717-786-7229

Registered Yorkshire Boars, bred gilts and open gilts, will deliver. Red Run Farm, R2, East Berlin, Pa. 17316, York Co. 717-292-4634

For Sale- Rope halters for cattle, made to order, 717-898-7020 Lanc. Co., Pa.

Wanted- New or used storm front market wagon, and/or spring wagon, state price and condition, all replies answered, T. Holliday, Rt-4, Box 244, Waynesboro, TN 38485.

Top Quality Hay, Straw, Oats, Steer hay 140 per ton and up, mulch hay. Call before 7 a.m. or after 7 p.m. 201-735-8389 or 201-735-4408, days 201-735-8865.

For Sale- 1600 gal. fuel oil tank truck body 215-345-1909 after 7, Bucks Co.

For Sale- All size silo roofs at reduced cost, 717-687-6672 or 768-3095 Lanc. Co.

Wanted to Rent- Farmland in Berks, Lehigh or surrounding area. Top prices paid, 215-756-6269.

For Sale- Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glenn Farms, Rd 2, Strasburg, Pa. 717-786-2562.

Fine Selection of pleasure Tennessee walking horses, $800-$1800, quality yearling and weanling colts. At Stud: Senator's Thunder, black and beautiful, 215-267-7311

Wanted- 200-300 gal. holding tank, meat grinder, 30 gal. S.S. barrels, castors, S.S. 6 ft. table, ratchet press, S S. sink, 215-862-9148 10-5.

Used Bee Equipment; Inverbrook Apiaries, R.D. #2 Box 230, West Grove, Pa. 19390, 215-869-3353.

For Sale- 1 Bowman manure spreader. Elam K. King, RD2 Box 402, Ronks, Pa. 17572.

Wanted- 36 Ford station wagon, must be in good condition, Montg Co 215-933-2469.

For Sale- Outside calf hutches, $75 each, David B. Stoltzfus, Rd 2, Box 282B, Nottingham, PA, take Brown Rd. at Little Britian, second road right.

For Sale- Mushroom Soil - 200 bu. to 800 bu. from $40 to $80. Save fertilizer dollars - use poultry manure. Delivered in trailer lots 717-859-3348 after 5 p.m.

For Rent- Giant Silo & Barn; 1968 Chevrolet Biscayne, 2 door, excellent running condition, 215-667-5329.

For Sale- Purebred Duroc boars, open and bred gilts, all age breeding stock, certified herd #82 Ph: 717-733-2310. W F Ruoss, 126 Irene Ave., Ephrata, PA 17522

For Sale- Spring wagons & buggies & horse related items. 301-398-5696 after 7:30 P M.

For Sale- 1964 Mack BG1 with Stoltzfus Hydraulic wet lime spreader and vibrator, very good cond., $8500 215-869-9595 Chester Co.

For Sale- Reg Hampshire, Suffolk and Southdown Rams. Preston Bankert, #3, Red Lion, Pa 17356 717-244-1244.

For Sale- Cookware, stainless steel, waterless, must sell, ½ of going price, slightly used 717-464-4662.

Will buy & sell all types of horse drawn equipment 215-593-5754.

Wanted- 1 Window size 28x28 in. thick 1¾ 6 windows, good price and cond. Fisher, 494 E Main St., Leola Pa 17540

MAILBOX MARKET

For Sale- Heifers due in June, July, August from herd with 18,500 and 650 butterfat. 215-932-8999.

For Sale- 25 ton ex. quality ear corn from 1979 season, also Charolais steers and heifers approx. 700 lbs. Sch. Co. 717-345-4489.

For Sale- Reg. standardbred mare, 5 yr. good disposition, easy to drive. Green broke to ride. Asking $750. Pine Grove, Sch. Co. 717-345-4617.

For Sale- NI 767 Superchopper 2 row corn head, grass pickup, 60' Silomatic auger feeder, 25 ton high moisture ear corn. 717-776-5672 Cumberland Co.

For Sale- Oliver 2 row potato planter, box ext. applicator; Dilts-Wetzel seed cutter elevator treater bagger, advanced splitter elevator bagger. Chester Co. 215-593-5876.

For Sale- AKC English Springer Spaniel pups, liver & white, exc. pedigree, marked well, shots & wormed. Lanc. Co. 717-872-2732 also studd service available.

For Sale- NH flail chopper, 6½' wide, with Wis. VP 4 H engine, overhauled 2 yrs. ago. $1200. Christ G. King, 2800 Lyons Bone Mill Rd., Oxford, Pa. 19363 Chester Co.

For Sale- 8 yr. old Reg. Quarter horse mare, superior hunter, jumper & show pony - shows large pony hunter. 215-932-4728.

For Sale- 269 hayliner, NH baler, thrower, super-sweep pick-up, exc., 4 section Int. spring tooth harrow, Sch. Co. 717-668-2778.

For Sale- 78 truck camper, sleeps 5. Gas or elec. refrigerator, Asking $2,950. 717-529-6236 Lanc. Co.

For Sale- NH 67 hayliner baler, Sch. Co. 717-647-9492.

For Sale- 1946 Dodge 4-dr, six cyl. runable. 8 a.m.-8 p.m. Lanc. Co. 717-285-4307.

For Sale- Single row Cole planter and cultv., 2 wheel trailer w/elec. brakes, new bale thrower belts. 717-776-7724.

For Sale- 6 ton Webster fert. or grain tender complete with elec. start 8 h.p. Wis. motor & nylon cover, like new. Baltimore Co., Md. 301-374-4623.

For Sale- New farm machinery parts, roughly 10 yrs. old from NH, MF & NI dealerships, would give to a church or fire dept. for their disposal plots lots of other accessories, 301-838-7271.

For Sale- JD B-4 corn sheller, belt driven, exc. cond. Five 4x5 concrete slabs, new, never used. Call after 4 p.m Leb. Co. 717-838-3665.

For Sale- 1800 Oliver dsl, dual hyd., 3 pt. hitch, good rubber, JD wheel disc, 300. Juniata Co. 717-535-5170.

For Sale- 3 horse drawn plows, 2,3 & 5 shovel, all in fair cond. $35 for all. Franklin Co. 717-762-1902.

For Sale- 1977 AC 175D with 400 hours, front & rear wts. Case 4-16" plow, 3 pt trip btm. like new. 717-933-8533 Berks Co.

For Sale- JD model #71-8 unit soybean planter, 3 pt. toolbar 3 yrs. old, used 2 season. 215-395-9416 Lehigh Co.

For Sale- IH 400 cycle planter, 6 RN, exc. cond. Ready for the field $3200. 717-258-6282 Cumb. Co.

For Sale- Hammond organ model #B2 & 22-R speaker $995 or best offer. 717-865-3025 Leb. Co.

For Sale- Reg. Hols. bull 15 mo. old, sired by Elevation. Dam VG85 by Sunnyside standout. At 3 yr. made 21,073m 731f. Grdam has two 32,000 lb. records in 305d. Price $700. 717-933-8403 Berks Co.

MAILBOX MARKET

For Sale- Corn silage $25 ton make good. Straw $40 ton, 717-637-8172 York Co.

For Sale- Australian cattle dog pups, blue heelers, from good working stock. Mifflin Co. 717-899-7755.

For Sale- Insulated cap for P/U truck. Very good cond., $100. 1 Champagne male Chihuahua, 12 wks., AKC sire, paper trained, wormed & innoculated $75. Chester Co. 215-932-5797.

For Sale- 1965 Pontiac Grand Prix - runs good, many new parts, new inspection $500 7-row Oliver field sprayer, trailer type $175. Honda "350" Cycle. Bucks County, 215-536-2284.

For Sale- Woods C-80 tag-a-long - mower, 7' cut, $950. White-alum. triple track storm screen-windows, 25"x28¼" $75. Chester Co. 215-827-7125.

For Sale- AKC Newfoundland, 17 month Wanaka Kennel Male, $200. 717-786-2029 Lanc. Co.

For Sale- Yahama 750 1979 Special, cast rims shaft drive, cooler, pegs, rack, bags, cover, black flake & chrome, top shape, will take best offer. over $1995 cash. 215-766-7212 Bucks Co.

For Sale- 1970 GMC 9500 ten-wheeler, takes 24' body, 637-gas engine, new 1000-20 tires, 10 speed transmission. Excellent $8000. Cecil Co. Md. 301-398-1541.

For Sale- Top milk production, show-quality purebred Nubian goats, Kids and milkers. Certified herd, DHIA 717-642-8195. Adams Co.

6 Acre trailer space for rent $85/month or for Sale $11000, owner finance 12 miles North of Abe Airport, Northampton Co. 717-546-8944.

For Sale- 6-8 ft. sections H Bunk with roof brackets, new in November 1- 60 ft. & 1 - 70 ft. tapered board feeders. 1- 400 bushel McCury bin. Lanc. Co. 717-285-3252 evenings.

For Sale- Crossbred feeder calves ready for pasture. Various wts. and sizes. 717-362-9850.

Lost- Red, white faced Hereford calf, about 250 lbs. Caleb M. Stauffer, RD2 Ephrata, Pa. 17522.

Wanted- Grain binder must be in good condition. Galen M. Brubacker, R1, Box 348, Port Trevorton, Pa. 17864.

Wanted- Bolt on creeper gear for IH garden tractors (used for snow throwers & tillers). York Co. 717-862-3527.

For Sale- IH 350 forage harvester with corn, PU & direct cut hds., AC 3 pt. 4 row corn planter Nort'd Co. 717-275-2509 eves.

Stationary Grinder - Bear Cat w/1½ ton whirlwind feed mixer, both for $875 or best offer. Montour Co. 717-437-2888.

Wanted- Stainless steel ring to set on milk tank to set strainer on. 21" in dia. 13" hole. Lanc. Co 215-267-4542.

For Sale- 300 lb. Hols feeder bowls, 80 lb. also 250 gal. lick tank. 717-273-2910 Leb. Co.

For Sale- 2 grade Hol. bred heifers, one Red & White, due May & July. Dams over 19,000 milk. Leb. Co. 717-949-6836.

For Sale- Hand hewn logs, and old tobacco shed siding, 12 in. wide. Abner Z. Glick, RD3 Box 346, Quarryville, PA 17566.

Wanted- Used Mainline Rototiller in good cond. 215-267-4186 after 4 p.m. Lanc. Co.

JD lime fert. spreader, $50; Roller harrow 9' no wheels $100; Brilliant plow packer on rubber 4 btm. $160. Bucks Co. 215-598-7669.

For Sale- 3 pt hitch side delivery rake w/tongue, or will trade on 3 pt. disk; 12' all steel flat bed for truck or whatever $500. Snyder Co. 717-374-4246.

MAILBOX MARKET

For Sale- Farmall 300 fast hitch TA live-power N.F. also 100 fast hitch mower, 2 ME corn picker, #16 IH Harvester corn & pick up head. Sch. Co. 717-345-3427.

For Sale- Pegboard 4x8x¼ $7 each; cost $9.84 new. Bunnies $6 ea., wire cages, $11.50 & $15 Delco. 215-494-1411.

For Sale- Vac. prop. in Poconos, mod. villa sleeps 8 swimming, canoeing, tennis, golf (time-sharing), also Gr. Dane stud ser. (Black). Chester Co. 215-593-6958.

For Sale- White rabbits various sizes. Lanc. Co 717-529-2126.

Wanted- ¾ in. screen for Model H 11 Red Hed Harvey hammer mill. For Sale- Harris 22 for parts. 717-733-0467.

24 quilts, handcrafts, baked goods, antiques, to be sold at Breezy View Christian School benefit auction 9:00 A.M. May 9. Route 441 Columbia 717-684-7624 Lanc. Co.

For Sale- 1 Sorrel work horse mare 4 yrs. old, green broke sound $800; NH mower guards, good shape $1.25 each. John Z. Fisher, Kirkwood RD1, Box 303, Maple Shade, Road, Lanc. Co.

MAILBOX MARKET

For Sale- New roll 47" woven wire fence $80, 150 new cinder blocks 10 cents each; trailer frame on rubber $30. 717-529-6670.

For Sale- 130 amp Lincoln welder with Kohler engine, good shape, also 2 wheel breaking cart. Aaron E. Lapp, 473A Centerville Rd., Gordonville, Pa. 17529 Lanc. Co., between Int. & NH.

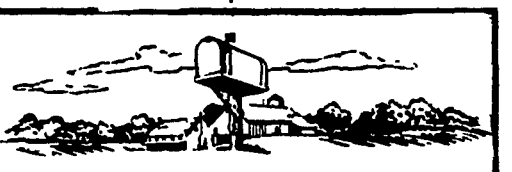
For Sale- 72 GMC 18' dump; 70 Chev 12' stake dump; 45' van trailer storage; 74 Ford 12' stake dump; 12" steel pipe; TD-9 loader. 717-692-4444.

For Sale- MF loader - fits most small Ford & Ferguson tractors, good cond., extra snow bucket. $1200. 215-444-2725 Chester Co.

For Sale- JD 3 pt. 2 row corn planter $300; MH 44 gas, 3 pt. wide front end $675; Also JD 40 parts. Luzerne Co. 717-752-5391.

For Sale- 2 kid goats, ½ Nubian, ½ Alpine, both females, dehorned $60 each. 215-536-8714.

For Sale- JD 520 ps & 3 pt. JD 60, JD A, 45 loader JD 3-14 trip back plows, 3 pt. York Co. 717-432-3991.



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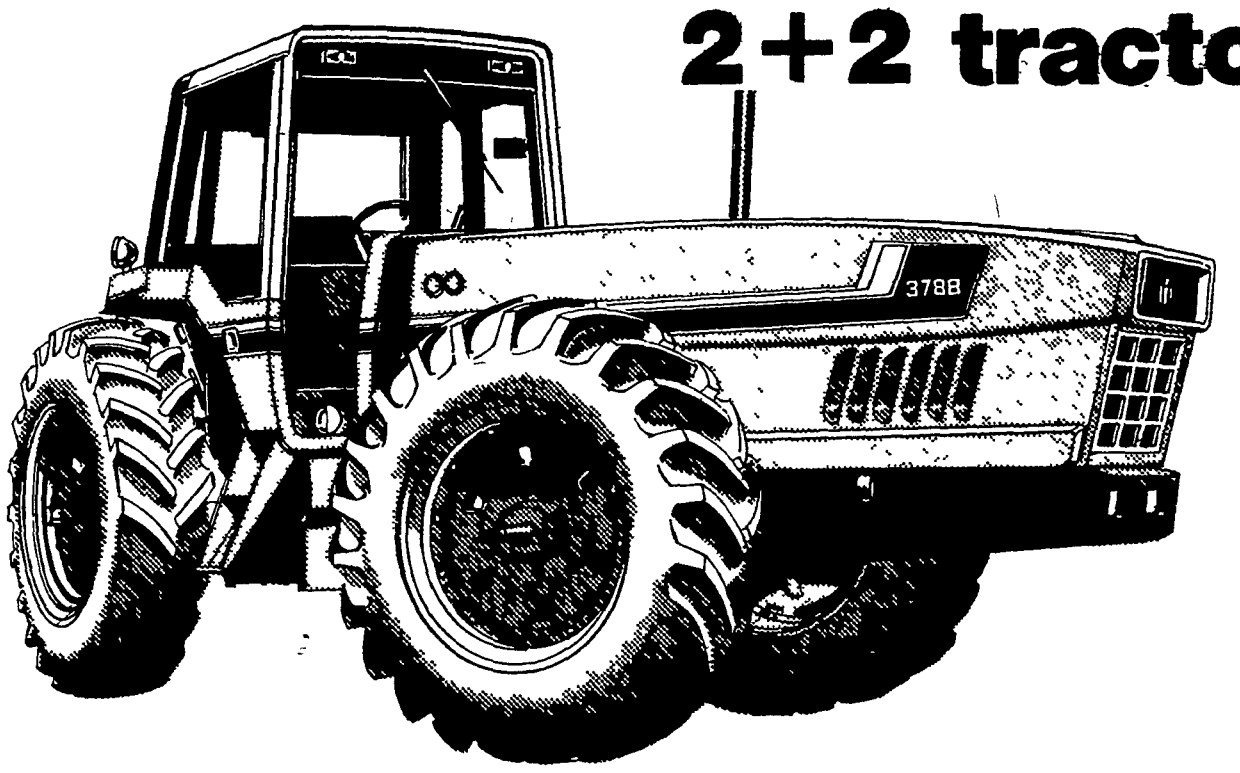

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The Christmans make traveling a hobby

BY LAUREL SCHAEFFER
Staff Correspondent

Few people have seen as much of our world as Roy and Gloria Christman. Owners and operators of Ro-Ria Farms, Shartlesville, with their son Ronald, the Christmans have traveled to different lands and experienced different cultures through "People to People" and farmers and World Affairs tours.

They have been in twenty-seven countries and presently are preparing for a trip to the twenty-eighth one this year. This one being China.

"...Without experiencing many of these things the world tends to look the same..."

All of their traveling has centered around agriculture, because as Gloria explained, "if it didn't, Roy wouldn't go. There's nothing like going for three weeks without seeing a cow," she laughed.

The Christmans are milking about 300 Holsteins and have the capacity for 400, which was Roy's goal until milk became such a surplus.

Roy and Gloria started milking as soon as they were married, in 1944 with a rented farm and 15 cows. Raised in a city, Gloria adapted quickly and seldom missed a milking until her children were in their teens.

She never saw a baby chick until Roy brought some brooders home one day. "I still can't handle those little things," she joked. However Gloria's parents both were from farms and didn't move into the city until the depression years. So she said she always heard stories of farming and even worked at a dairy, bottling milk until she began milking the cows.

Gloria has always done "the books" but is gradually passing the duties onto her daughter-in-law, Faye. She used to garden but has given up that. She and Roy both felt her time was more valuable and important as a bookkeeper.

"The time spent at a desk is worth more than in a garden," Gloria commented and then added, "Roy loves records."

In their early farming years, the Christmans lost their cows to Brucellosis and had to resort to selling equipment and doing custom work to "survive."

Today their operation has grown into eight hundred head of cattle and 1,000 acres of owned land. They farm 2,500 acres, have eight full-time employees.

The Christman's have three children, Ronald, Barry, and Sandy Kopicz. Presently they have been working on estate planning, and say they wish they had started years earlier.

"We waited too long," Gloria said.

During the past twenty years their business has grown tremendously, partly due to inflation and partly to use the "extra muscle" of their eager children.

Through their estate planning they are slowly turning their business over to Ronald and Faye. Roy and Ronald share in the herd management while Faye manages the calves, upkeeps the dairy barns, and begins to work with Gloria on the books and records, which Gloria estimates she spends about two hours per day on.

Gloria also is serving as chairwoman of the Pennsylvania Farmers' Association State Women's Committee and Roy is a director of Berks' County Farmers' Association. Gloria belongs to the Society of Farm Women and has held the office of treasurer in the past. She has been involved in PTA and 4-H while her children were growing.

"I find that I've been involved on the levels my children were on," she explained.

Roy and Gloria's first trip ever was to California when Roy, selected as the Kutztown Chapter's first Outstanding Young Farmer, won the State award and went to represent Pennsylvania in the national contest. This trip took place in 1959 when they were still farming about 100 acres.

The Christmans were also selected as the Reading Fair Family one year and Roy was named a Master Farmer in 1968. The Christmans' first trip abroad was to Europe and Russia in 1965 and they have been going about every two years ever since. They have attended a World Food Congress in Japan and have been on all continents except South America, Arctica, and Anarctica.

Other than traveling, Gloria especially enjoys doing ceramics which she describes as "her therapy. Poking around in a flower bed and reading books on the subject allows her to call herself a "bookaholic."

"...There's nothing like seeing the places you've been to presented in books..."

"There's nothing like seeing the places you've been to in books," Gloria remarked enthusiastically. "Reading about famous restaurants and sights that you've been to makes books and traveling even more terrific.

"I can relate to National Geographic much better now since I've seen many of the things and been in the exact spots that are described in the magazine," she said.

Through traveling with agribusiness groups and visiting farms in other lands, Gloria finds her trips more of an experience than they are educational, as far as learning more techniques to use are concerned.

"My feelings usually go to being very sorry for the way some people must exist such as in Ethiopia, to reminiscing of our own earlier days," this traveler remarked. "It is as if many of these countries are 25 to 50 years behind us."

"I know why they dress as they do now." she said.

Just being able to experience the difference between other parts of the world has made her life richer, and at times glad to come home she says.

"Without experiencing many of these things the world tends to look the same," she continued.

Asked what country stood out most in her memory of traveling, Gloria explained that it would be Pakistan. "We were there longer than most trips we've been on and lived in their houses and got to know the people personally," she explained. "We got below the surface."

Gloria explained that in Pakistan there is a rich class and poor class and most money given to help the poor usually stop with the rich, never being of benefit to the poor. "If you can get past the governments and can relate person to person with everyday people you find they are nice. People of different countries don't hate each other when they can be on the same level. It's the governments that do," she commented.

"...There's no better way of finding out if your kids can handle the farm than going away for three weeks..."

"Roy and I come home and feel we're so much farther ahead."

When travelling in Pakistan, Gloria said she could easily imagine Biblical days. But, she also remarked that some countries are very much like our own. Especially Australia and New Zealand.

The Christmans have seen modern countries and very primitive ones where the people were in masses and masses and literally lived on rice and a few vegetables.

Gloria was impressed with the beauty of countries lying near the equator, envying them for their beautiful flowers, countryside, and weather. She said she was thrilled to see the Spinx in Egypt, and the Acropolis of Greece while winds blew sand in her face.

Gloria also was amazed as to what people in many countries do for entertainment.

"They don't even have a local fire company," she said with amazement.

Language has never been much of a barrier when communicating with people in countries where English is not the native language. "We should be ashamed that we can only speak English, however," Gloria remarked.

Most people and children of other countries can speak English as a second or third language. The Christmans have also found that their Pennsylvania Dutch can take them many places in Europe too: "even in Russia."

"Exchanging money is the largest problem we've found," Gloria remarked. "This is one reason it's nice to have a tour guide. Without one, much time can be wasted looking around for good hotels, banks and whatever. Guides know where to go."

But as noted earlier Gloria and Roy are always glad to come home and haven't seen a better place to live.

"There's no better way of finding out if your kids can handle the farm than going away for three weeks, either," she added. "You're only fooling youself if you don't give them a chance to do the work."

"It was when we came home that was the roughest; when we found out about the problems which developed," she said.

As a complement to all of their traveling, the Christmans have hosted visitors from other countries as well. People from Russia, India, Turkey, Pakistan, Japan, Costa Rica, Peru, and Denmark have visited the Christmans. A boy from Denmark stayed with them for a year.

Homestead Notes

Learn to "burglar-proof" your home

BY SALLY BAIR
Staff Correspondent

YORK SPRINGS — Rural crime is steadily increasing and most rural residents make it easy for burglars to help themselves to property by leaving doors unlocked and keys in vehicles.

According to Albina B. Woodruff, community development area agent with Penn State's Cooperative Extension Service, rural residents have not discovered that crime is moving away from the cities which are securing themselves and reducing crime to the country where there is often easy access to property. She was speaking at the Adams County Extension Homemaker's Day held recently.

Citing statistics compiled by the Pennsylvania State Police in their Uniform Crime Report, Woodruff outlines the four major crimes in rural areas, including larceny theft, burglary, motor vehicle theft and vandalism. She pointed out that murder is not one of the more major rural crimes, nor is rape.

Arson is one rural crime which is just beginning to be reported and is increasing.

Larceny theft is the taking of private property without breaking or entering as in shoplifting. Burglary includes breaking and entering and motor vehicle theft includes stealing cars, trucks and pick-up trucks, but not tractors which are considered property since they are not licensed.

According to Woodruff, statistics show that 80 percent of the homes which have been burgled were unlocked. Forty percent of stolen vehicles have the key in the ignition and 80 percent of them were not locked.

Most car thefts are not professional jobs and the removing of keys and locking the doors as well as storing valuables out of sight can prevent much vehicle theft.

Vandalism includes a large number of incidents in school buildings which are often not reported because the school simply fixes the problem itself. Vandalism has increased 43 percent since 1975 and was up another 15 percent in 1980.

"It's alarming: it's increasing," Mrs. Woodruff noted, showing statistics that vandalism is up in Adams, York and Lancaster counties.

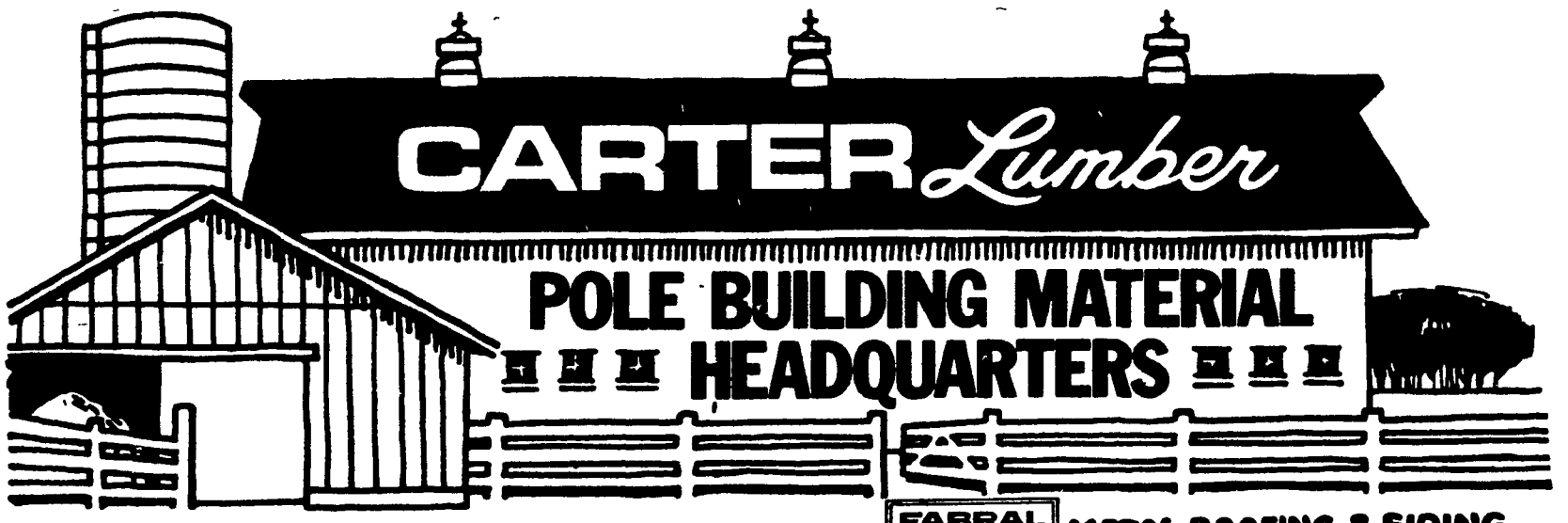
She pointed out that decrease in crime in shown most often in areas where there is a high concentration of local police.

But rural residents do not need to sit and wait to become victims. Mrs. Woodruff suggested many steps to be taken to prevent crime, including running a security check on their homes, learning how to lock up their homes and being award of how to protect themselves.

Woodruff said that a most effective deterrent can be marking all valuables with your motor

(Turn to Page C4)

Albina Woodruff demonstrates how to use a marker borrowed from the state or local police to mark valuables at the Adams County Extension Homemaker's Day.



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2"x10"	4.64	5.80	6.96	8.12	9.28	10.74	11.93
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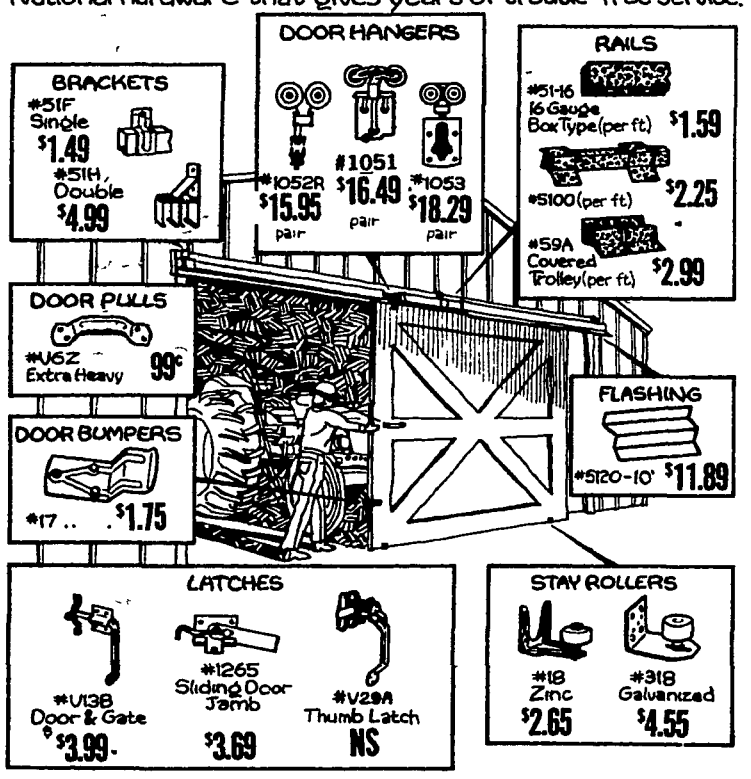

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11'	—	—	10.74	—
12'	17.40	15.91	11.72	8.84
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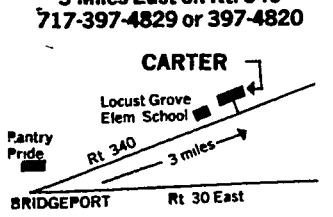

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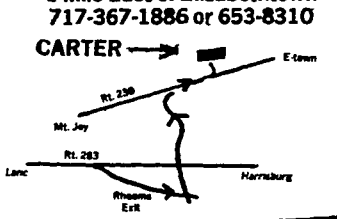

Rural Crime

(Continued from Page C2)

vehicle license number and putting a notification sticker in the window to notify potential burglars that items have been identified. She said most burglars want to "fence" the stolen goods, and having it marked will make it easy to trace it through the license number.

A marker to be used with this Operation Identification can usually be borrowed from the state or local police or it can be purchased for under $10.00. The markers can be used on wood, metal or any hard surfaces.

It is recommended that farm equipment, batteries, tires and other potential items for burglary be marked, and police have information on the best place to put identification numbers. Again, the license number should be used for easy tracing of stolen property.

Woodruff suggests putting the number on valuable antiques, and if there is a question about the appropriate location of the marking, check with a dealer to see where it would be least likely to detract from the value of the piece.

She noted also that most burglars are inherently lazy and like to get into a home easily. In a slide presentation she used, it was stated that most offenders are inexperienced opportunists so removing the opportunity goes a long way in deterring crime.

Homeowners should make it so difficult for a burglar to gain entrance to a home that it will take at least four minutes to enter. In that amount of time, most burglars will give up. Forcing him to make noise as he accomplishes the entry will also help to scare him away.

There is one burglary in Pennsylvania every five minutes, so it warrants attention at every home. Shurbs growing near doors and windows can offer good hiding places for burglars so should be kept trimmed. Using timers to turn on lights and radios when the house is unoccupied will serve to give it a lived-in look and deter potential burglars. Replacing weak doors or reinforcing them can make it more difficult to enter your home. And locks should always be changed when moving into a home which has had previous occupants.

It was suggested that a view hole be installed in a door as a more effective device to see who is there than using a chain which is easily broken.

If you surprise a burglar in your home, do not disturb him but go directly to a neighbor and call police. Do not resist a burglar by force but concentrate on two or three identifying characteristics which will assist in his capture. If there has been a burglary in your home, leave everything as it is until the police arrive.

Your door should not be opened to strangers, and you should not let anyone know you're alone. If someone needs help, offer to make a phone call for him. Also ask unknown service people for identificatin and call their office if there is a question.

Mrs. Woodruff told the women that rural crime is a growing problem, and suggested that becoming award and acting in a concerned way can be a major deterrent in the increasing rate of crime.

Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

ABOUT A NUTRITIVE BOOST

High on the list of convenience foods is nonfat dry milk. It has multiple uses, requires little storage space, has a long shelf life and instant availability. One added advantage - it's economical.

Nonfat dry milk can be defined as milk from which the fat and water have been removed. Nutritionally, nonfat dry milk contains all the proteins, minerals and water soluble vitamins of the nonfat portion of fluid milk.

As a result, it appeals to weight watchers looking for high nutrition and low calories, as well as to those people requiring protein or other nutritive boosts. It can be added to fluid milk and other foods to increase protein, mineral and vitamin count.

You can buy it by the box, mix it by the quart or gallon and drink it by the glass. Whatever your milk requirements, you mix only what you need, when you need it. However, once it has been reconstituted, it should be refrigerated. Freezing is not recommended.

Proper storage requires only that nonfat dry milk be kept in a dry, cool spot. It should be tightly covered to avoid absorption of any moisture. Shelf life is about six months.

In addition to its obvious beverage use, it has other possibilities. For example, nonfat dry milk can be substituted for fluid milk in baking. When used this way, it should be added to the dry ingredients of the recipe. It should not be sifted. To fill the liquid measure, use given recipe amount in water.

Mixed with equal amounts of ice water, nonfat dry milk can be whipped up to the consistency of whipped cream and served as a low-calorie dessert topping. It can also be whipped with frozen juice concentrates for a dessert in itself.

FINANCIAL RECORDS: TROUBLE FREE KEEPING AND RETRIEVING

Was filling out your income tax forms this year especially frustrating? Did gathering information to compile your net worth statement seem an endless task? Better record keeping is one way to save time, energy and undue anxiety.

Creating an efficient filing system is the first step to improving your record keeping. A filing system for your family's financial records doesn't have to be elaborate, costly, or time consuming. Setting up an accordian file, a series of folders, envelopes or even shoeboxes, properly labeled for current and annual records, is really three-fourths of the work.

Included in your current household files should be account books, bank statements, cancelled checks, receipts and receipted bills.

Permanent household filing systems should contain receipts and receipted bills for the past six years, your safe deposit box number, key and list of contents, warranties, letters of instruction and copies of your will, household inventory, health, education and employment records. All of these items may be needed in a hurry in the event of accident or financial crisis; be sure all your family members are acquainted with the files.

You might also note that certain financial records do not belong in your home. Your auto title and bill of sale, birth certificates and marriage and divorce records, government securities, corporate securities, insurance policies, mortgages, property and real estate papers, and the original copy of your will should all be secured in a safe deposit box.

In your filing system, include a separate envelope for anything concerned with taxes. As well as last year's return, file records of items that may be used as deductions that year. Include incidental expenses, such as miles traveled on a trip to the doctor or the cost of a lunch purchased for a business client.

Having a good record storage and retrieval system will prevent potential deductions from being lost in the shuffle and save you time, energy and frustration whenever financial records need to be located. Devise your own system now and follow through with it throughout the year; have your family's financial picture at your fingertips.

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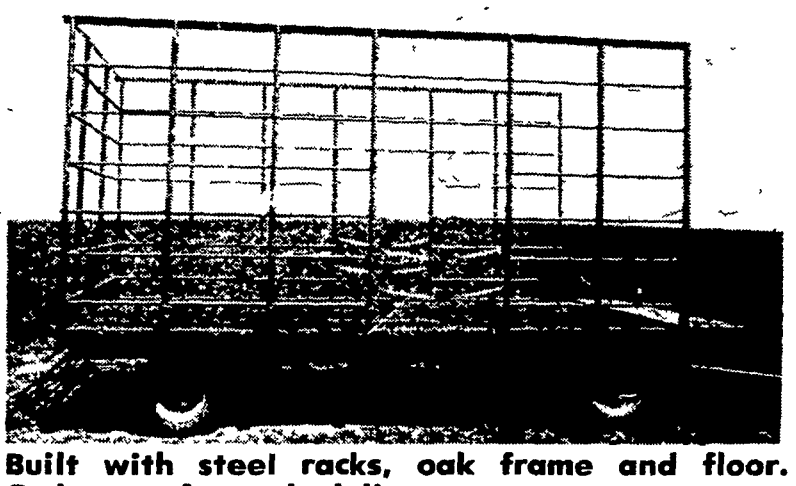

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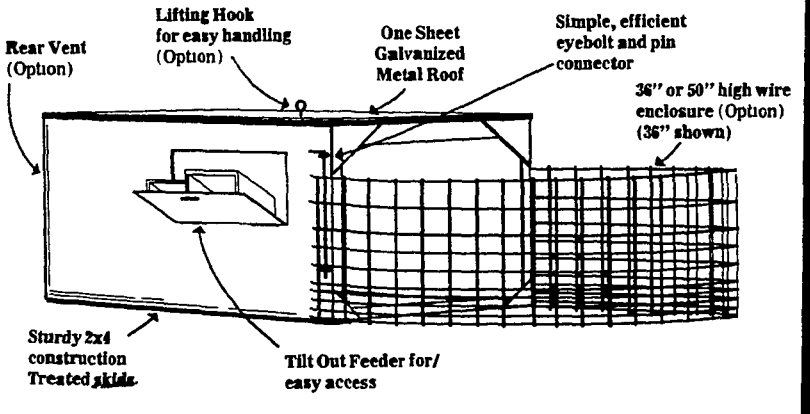
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Extension agents win tour

UNIVERSITY PARK — Two members of Penn State's Cooperative Extension Service staff have been named state and regional winner in the Dow Study Tour Contest. They will be participating in a 10-day on-site study of four states from June 22 to July 1.

Winners are Tom Obourn, Erie County, first place state and regional winner, and John Creighton, Wayne County, second place.

Obourn's entry was based on work with producers of grapes, potatoes, tree fruits, and vegetables in Erie and surrounding counties.

Creighton's winning entry focused on his responsibilities as CED, work with dairymen on barn ventilation and mastitis prevention, and the use of the programmable calculator in farm management applications.

According to Joe Macialek, Extension community resource development agent and state program coordinator, the winners' expense-paid trip will include the study of production agriculture, research, agribusiness, and related marketing and merchandising activities in Illinois, Wisconsin, Minnesota, and Iowa.

The contest is sponsored by the National Association of County Agricultural Agents in cooperation with the Dow Chemical Company.

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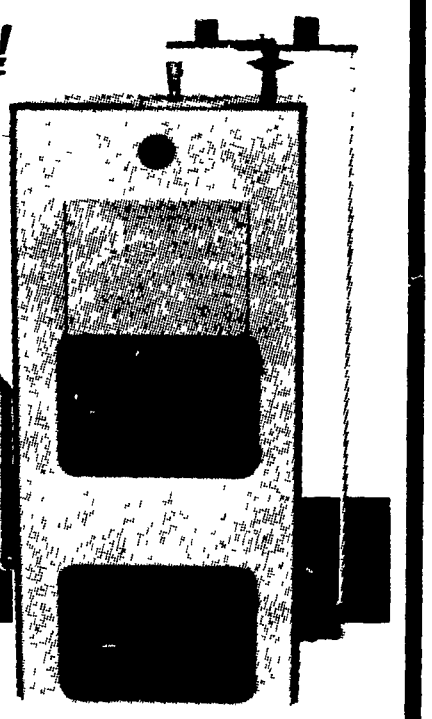

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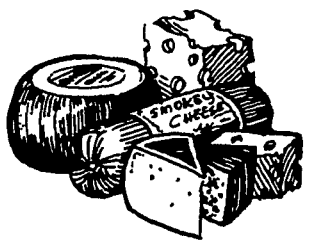
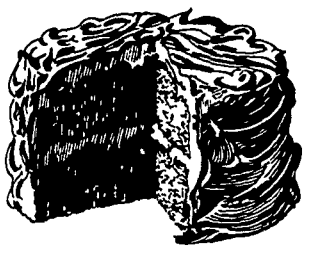


Home On The Range



Nutritious, versatile chicken

Chicken is the most versatile of meats. Because it can be cooked with all kinds of ingredients in all kinds of ways, it's at home in every country in the world.

Chicken is the least costly and the most nutritious of meats. The price may fluctuate but chicken is still the best value compared to other meat proteins.

Try some delicious chicken recipes now and then save the recipes for good picnic foods this summer.

BARBECUED CHICKEN

1/2 c. flour
2 t. paprika
1 t. pepper
1/4 t. dry mustard
3 t. salt
1 cut up broiler or ground chicken

Mix dry ingredients well in plastic bag. Then dust chicken parts. Melt 1/4 pound butter in cake or roast pan. Place chicken in pan, not crowded. Bake at 350 degrees 1 1/2 to 2 hours or until done.

Irene Burkholder, Bowers

TATER CRISP CHICKEN

1/4 c. margarine or butter
1 c. instant mashed potato flakes
1 t. salt
2 to 3 pounds frying chicken, cut in pieces

Preheat oven to 400 degrees. Melt butter or margarine in 13 by 9 inch pan. Combine potato flakes and salt in a plastic bag. Rinse chicken pieces in cold water, then shake in the plastic bag. Place chicken skin side down in melted butter. Bake 60 minutes; turning once after 30 minutes.

Donna Godshall, Harleysville

LAZY DAY CHINESE CHICKEN

1 whole broiler-fryer chicken
1 T. cooking oil
1/4 c. sherry
3/4 c. soy sauce
1/4 c. water
1/4 c. chopped green onion, white and green parts included
3 cloves garlic, minced
1 T. sugar
1 t. minced ginger

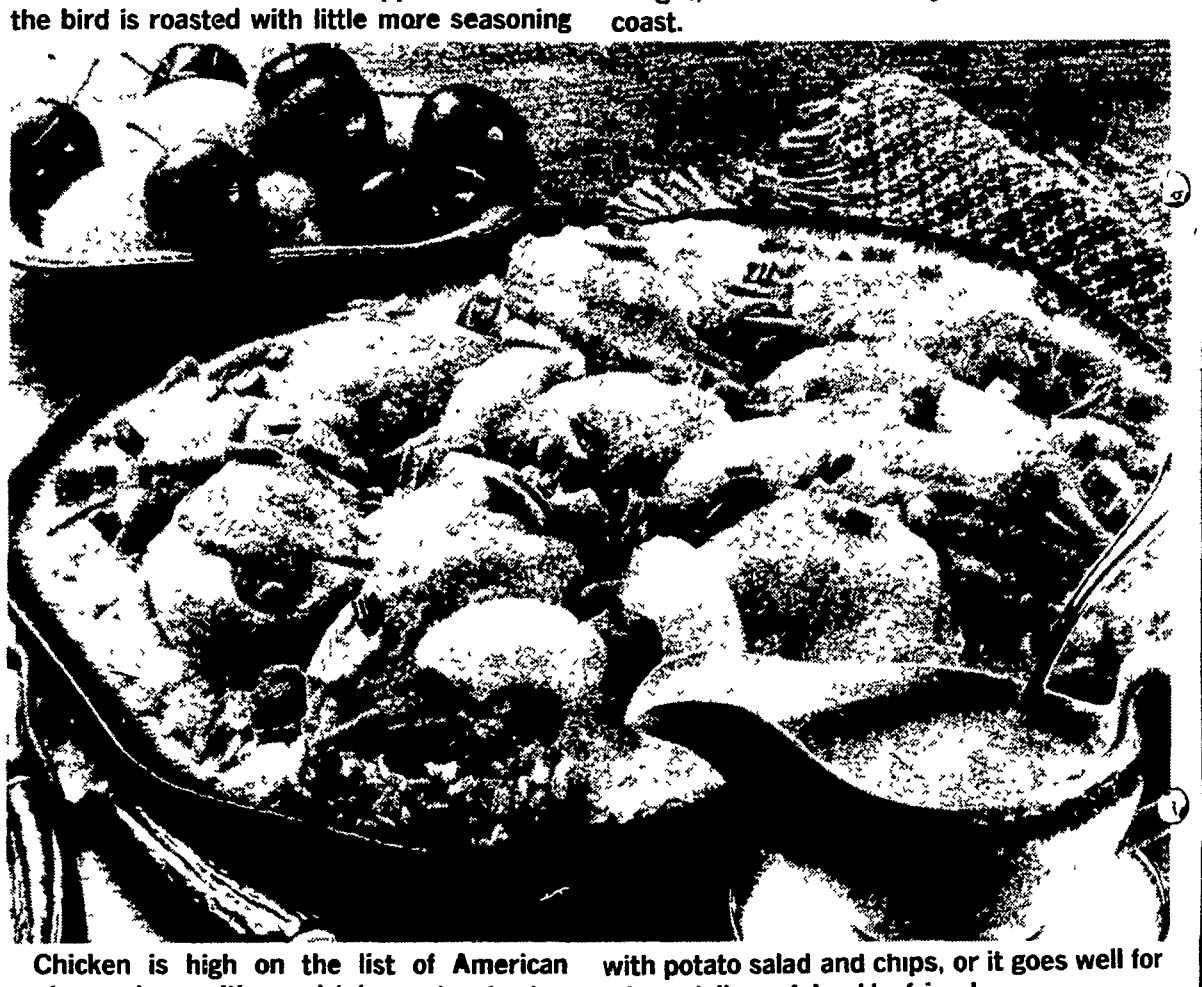
In Dutch oven place oil and heat to high temperature. Add chicken and cook, turning, about 10 minutes, or until brown on all sides. Pour sherry over chicken. In medium bowl, mix together soy sauce, water, onion, garlic, sugar and ginger; pour mixture over chicken. Cover and simmer 25 minutes. Turn chicken and simmer about 10 minutes longer or until leg moves freely when lifted or twisted. Serve whole, sliced, or chopped, with juices.

SWEET AND SOUR CHICKEN

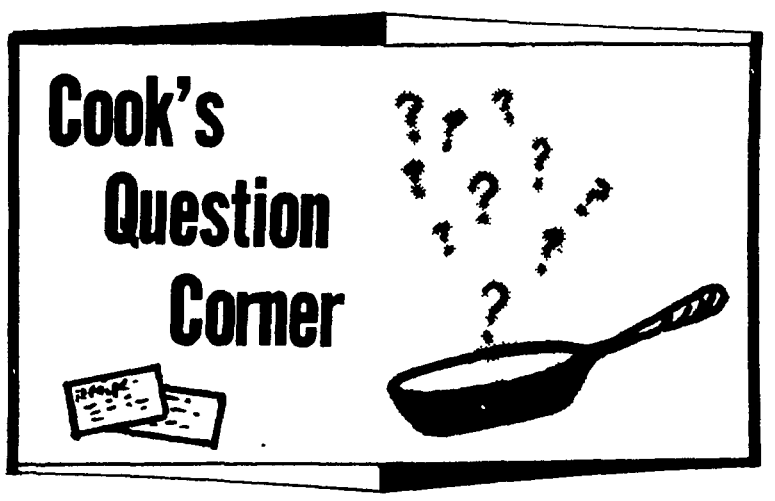
2 broiler-fryer chickens, cut in parts
1 bottle Russian salad dressing
1 envelope dry onion soup mix
1 jar apricot preserves

In large shallow baking pan, place chicken, skin side up, in single layer. In bowl, mix together salad dressing, soup mix and preserves. Pour over chicken. Bake, uncovered in 350 degree oven, basting occasionally, about 1 hour or until fork can be inserted in chicken with ease. Pour remaining sauce over chicken when serving. Makes 8 servings.

Cooking chicken whole is an old American custom that never loses its appeal. Whether the bird is roasted with little more seasoning than its own juices or turned into a gourmet delight, it's a favorite family meal from coast to coast.



Chicken is high on the list of American customs along with good 'ole apple pie, hot dogs and chocolate cake. It's great for a picnic with potato salad and chips, or it goes well for a formal dinner joined by friends.



Do you have any questions on cooking? Looking for that certain recipe? Is a neighbor or friend looking for a recipe you have? Share it with the Cook's Question Corner, your corner for cooking. Send all requests, answers and comments to: Cook's Question Corner, Lancaster Farming, Box 366, Lititz, PA 17543.

ANSWERS — This week we have a recipe requested earlier for lemon cake roll. Find it at the end of the Home on the Range section.

Recipe Topics

May	
2	Chicken
9	Fish
16	Eggs for Egg Month
23	Maple
30	Favorite recipe
June	dairy recipes all month long!

SIMPLE SEASAME CHICKEN

1 boiler-fryer chicken, cut in parts
1/2 cup all-purpose flour
1 1/2 t. garlic salt, divided
1/2 t. onion salt
1/2 t. lemon-pepper seasoning
1/2 t. paprika
4 T. butter, melted
1 T. vegetable oil
1/4 t. pepper
1 c. sesame seeds, toasted lightly

Mix together flour, 1/2 t. garlic salt, onion salt, lemon-pepper seasoning and paprika. Roll chicken parts in seasoned flour. Mix together melted butter, vegetable oil, remaining 1 t. garlic salt and pepper. Dip each floured chicken part into seasoned butter. Then roll in sesame seeds.

Preheat oven to 350 degrees and bake for 1 hour, turning after 30 minutes if desired.

PLUM DELIGHTFUL ROASTED CHICKEN

1 whole broiler-fryer chicken
1 1/4 cups herb bread stuffing
1 apple, finely chopped
1/3 cup finely chopped celery
9 T. hot water, divided
3 T. margarine, melted
2 T. chopped walnuts
1 T. finely chopped onion
1/2 c. dry white wine
1/2 c. plum jam
1/4 c. lemon juice
1 1/2 t. ground ginger
1/2 t. salt
2 T. flour

In large bowl, mix together stuffing, apple, celery, 5 T. of the water, margarine, walnuts and onion. Spoon into cavity of chicken.

Hook wing tips onto back and tie legs together. Place chicken in large shallow baking pan. In medium bowl make plum sauce by mixing together wine, jam, lemon juice, ginger and salt. Pour sauce over chicken carefully brushing to coat. Bake, uncovered, in 325 degree oven, basting occasionally, about 1 3/4 hours or until leg moves freely when lifted or twisted. Remove chicken to serving platter.

Skim fat from juices in pan. In small bowl mix flour and remaining 4 T. water; stir until smooth. Add flour mixture to contents of baking pan; cook, stirring, over medium heat about 5 minutes or until thick. Serve with chicken

(Turn to Page C8)

The incredible edible egg
American Egg Board

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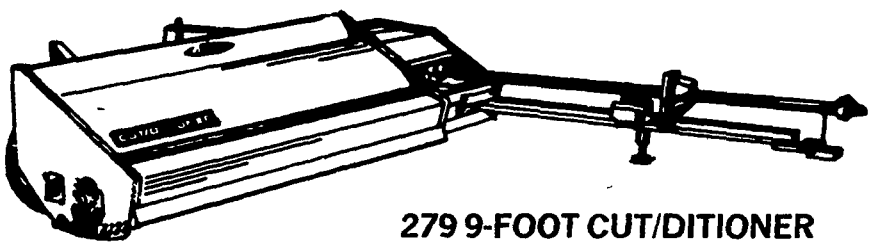

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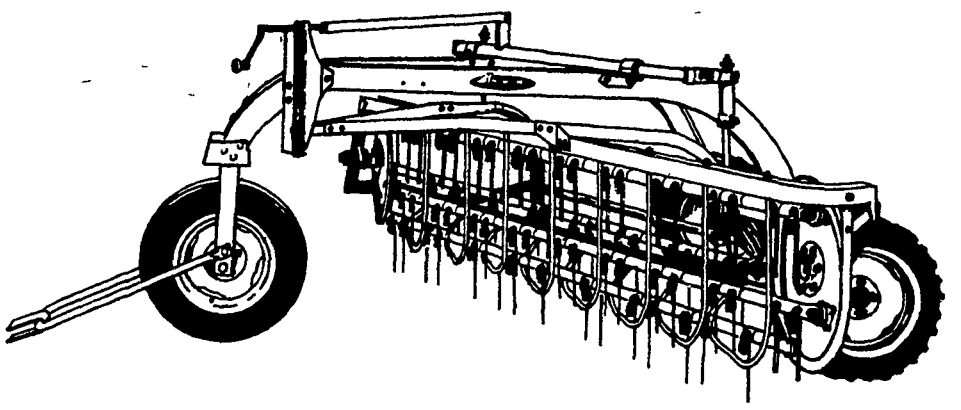

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Nutritious, versatile chicken

(Continued from Page C6)

CHICKEN A LA BRANDYWINE

8 broiler-fryer chicken thigh, boned and skinned
1/4 t. salt
1/4 t. paprika
5 T. butter, divided
4 ounces salt-cured ham, diced
4 slices pineapple, halved
1/4 c. chopped scallions
1 T. brandy, warmed
1/2 c. white wine
1 T. plus 1 t. flour
1/2 c. heavy cream
1/4 c. slivered almonds

Sprinkle salt and paprika on chicken. In small saucepan, clarify butter by melting 3 T. of the butter over low heat. Remove from heat, let stand a few minutes, allowing white milk solids to settle to bottom. Skim the top for clarified butter.

In large frypan, place 2 T. clarified butter over low heat. Add chicken; top with pineapple slices, ham and scallions. Cover and simmer for about 45 minutes or until fork can be inserted in chicken with ease. (Avoid browning the chicken).

Pour warmed brandy over chicken; touch with lighted match to flambe. Transfer contents of frypan, as undisturbed as possible, to warm platter.

In same frypan, make sauce by pouring in wine and cooking over high heat about 2 minutes. In small bowl, stir flour into cream and mix until smooth. Add cream mixture to wine in frypan, stirring well, and simmer about 1 minute or until thick. Add 1 T. of the butter to sauce and stir until melted. To serve, spoon part of sauce over chicken. In small frypan, place remaining 1 T. butter and melt over medium heat. Add almonds and cook, turning, until light brown. Sprinkle over chicken. Serve chicken with remaining sauce in separate dish. Makes 4 servings.

SAUCY CHICKEN LIVERS

6 slices bacon
16 ounces chicken livers - cut up
1 can cream of chicken soup
1/3 c. milk
1-3 ounce package cream cheese
dash pepper
6 English muffings toasted and buttered
2 T. parsley

In skillet, cook bacon until crisp. Drain, crumble and set aside. Brown half of the livers at a time in bacon drippings cooking about 5 minutes. Remove. In same skillet heat soup till bubbly. Blend milk into cream cheese and stir in soup. Add pepper. Add livers and bacon. Heat 2 to 3 minutes. Spoon over English muffins. Top with parsley.

Barbara Russell, Pine Bush

This week's answer for Cook's Question Corner is "Tart Lemon Cake Roll."

Line cookie sheet or jelly roll pan, 15 by 10 by 1, with foil or waxed paper and grease generously.
3 eggs
1 c. sugar
1/3 c. water
1 T. lemon juice
3/4 c. all-purpose flour
1 t. baking powder
1/4 t. salt

Beat eggs on high for 5 minutes or until lemon colored. Pour into large mixing bowl. Beat in water and lemon juice on low speed. Add flour, salt and baking powder gradually, just until smooth. Pour into prepared pan and bake in preheated oven 375 degrees for 12 to 15 minutes or until a wooden toothpick inserted comes out clean. While hot loosen cake from edge and invert onto a towel that has been generously sprinkled with powdered sugar. Remove paper and roll from narrow end with towel and let cook for about 30 minutes while making filling.

Filling:
3/4 c. sugar
3 T. cornstarch
1/4 t. salt
3/4 c. water
1 t. grated lemon peel
1 T. margarine or butter
1/3 c. lemon juice
4 drops yellow food coloring, optional

Mix sugar, cornstarch and salt. Gradually stir in water. Cook until thickened and boil 1 minute. Remove from heat and add lemon peel and margarine. Add juice and coloring. Refrigerate until set. After cake has cooled 30 minutes, carefully unroll and remove paper and towel. Spread with filling and reroll. Sprinkle with powdered sugar.

International chicken flavors dinner tables

LTITIZ — Chicken knows no nationality. It is a favorite dish in almost every country and is one of the world's most versatile and economical meats.

International chicken dishes have enriched American cuisine. Most foreign recipes are readily adaptable to the tastes and tables of this nation. Many have become regular family meals while others are favorites for entertaining.

The National Broiler Council has prepared a sampling of worldwide classics you might want to try in your own kitchen:

Austria: Viennese Fried Chicken - Chicken coated with bread crumbs, lightly fried and then baked in butter.

China: Moo Goo Gai Pan - Slivered breast of chicken stir-fried with Chinese vegetables, mushrooms and water chestnuts.

France: Chicken Breasts Amandine - Chicken breasts sauteed with tomato sauce, minced onion, tarragon and almonds.

Hungary: Chicken Paprika - Chicken seasoned with paprika, simmered with onions and served with a sour-cream sauce.

India: Curried Chicken - Chopped chicken combined with curry powder and other spices in a sauce; served with rice, chutney and other condiments.

Italy: Chicken Cacciatora - Chicken simmered with tomatoes, garlic and mashed anchovies.

Russia: Chicken Kiev - Breast of chicken stuffed with chive butter and deep fried.

Spain: Arroz con Pollo - Chicken baked with saffron rice, olives, tomatoes, peas, and pimiento.

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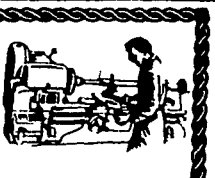
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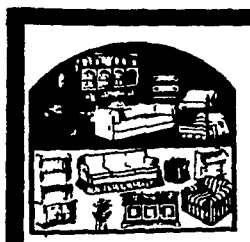

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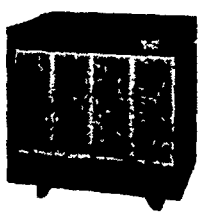
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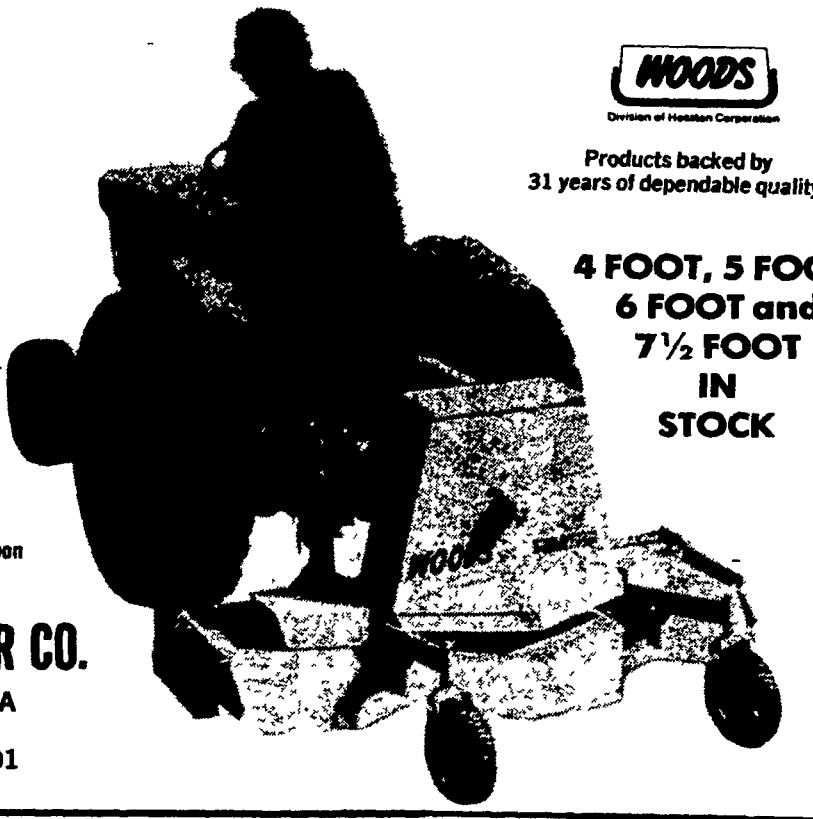
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Dark meat chicken offers extra value

LITITZ — Chicken is always one of the best buys at the meat counter and now the purchase of dark meat offers even greater savings.

The National Broiler Council notes that thighs and drumsticks are in plentiful supply at present, providing consumers a real protein bargain.

Dark meat is especially moist and flavorful and is preferred by many chicken lovers over the breast, or white meat, portions. A pound of dark meat (without skin) provides 137.9 grams of protein. The Recommended Daily Allowance is about 44 grams for women and 56 for men.

Use the dark meat in almost any recipe calling for cut-up chicken parts or for chopped chicken. Boning thighs for chicken filets or to stuff provides additional versatility. And drumsticks are an all-time favorite with all ages when fried or grilled.

In addition to protein, chicken contains significant amounts of vitamin A, iron, niacin, phosphorus and other nutrients needed daily in the diet. And it is lower in calories and in fat content than most other meat protein sources.

"Stuffed Chicken Thighs" is an easy-to-prepare, inexpensive main dish that's special enough for entertaining.

Stuffed chicken thighs is an easy-to-prepare, inexpensive main dish that's special enough for entertaining. Look for the recipe on this page.

STUFFED CHICKEN THIGHS

8 broiler-fryer chicken thighs, boned
3 slices bacon
½ cup finely chopped celery
½ cup finely chopped onion
2 tablespoons sherry
¼ teaspoon poultry seasoning
¼ teaspoon pepper, divided
2 cups soft bread crumbs
½ teaspoon garlic salt

In small frypan, over low heat, cook bacon about 10 minutes or until crisp. Remove bacon from frypan and drain; crumble and set aside. Pour off bacon drippings, leaving 2 tablespoons in frypan and reserving remainder. Add celery and onion to drippings in frypan; saute about 5 minutes or until soft. Remove frypan from heat and add sherry, poultry seasoning, 1/8 teaspoon of the pepper, bread crumbs and crumbled bacon; stir until throughly mixed. Spoon 2 tablespoons of stuffing mixture onto each thigh; roll up and fasten with wooden picks or skewers.

Arrange stuffed thighs in shallow casserole. Brush thighs lightly with bacon drippings; sprinkle with garlic salt and remaining 1/8 teaspoon pepper. Preheat oven to 450° F. Bake at 450° F. for 5 minutes; reduce heat to 350° F. and bake for about 45 minutes or until fork can be inserted in chicken with ease. Makes 4 servings.

Chicken is beauty, health aid

LITITZ — In ancient Egypt, chicken broth was popular as a beauty aid. Since plumpness was much admired, Egyptain ladies drank chicken broth made from fat black hens while taking their luxurious baths, hoping to grow fat and comely. In addition, they doted on "A very fat black hen . . stuffed with pounded hazelnuts, sweet almonds, pistachios, pine nuts and peas."

Today slimness is "in," both for good looks and good health. However, the National Broiler Council notes that chicken is still widely regarded as a contemporary beauty and health aid. Low in calories and cholesterol, chicken provides the complete protein which is essential to the growth, repair and maintenance of all body tissues.

So try the recipes in the Home on the Range section for nutritious meals.

Chicken sells in hamburger chains

LITITZ — A dramatic increase in the use of chicken in hamburger chains is apparent in figures on various menu items reported in Nation's Restaurant News. According to the National Broilers Council, these figures show that chicken rose from 7.1 percent of sales in 1979 to 9.2 percent in 1980. Weekly dollar sales per restaurant were up from $749 to $1082. The number of items sold per week and the percent of items sold per week and the percent of items sold also showed steady gains for chicken among burger chains, with the principal specialty burger declining from a year earlier.

F.W.S. Calendar

Saturday, May 2
Lancaster Society 6 meets at the Church of God to entertain Society 29

Tuesday, May 5
Lancaster Society 27 meets for a mother-daughter banquet.

Wednesday, May 6
York 1 meets with Pauline Rishel and Delores Thumma.

Thursday, May 7
Lancaster Society 17 meets for a mother-daughter banquet at the Hershey Farms Restaurant.

Friday, May 8
Lancaster Society 13 meets at the Krown Kitchens.

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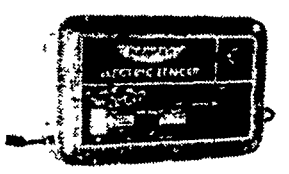

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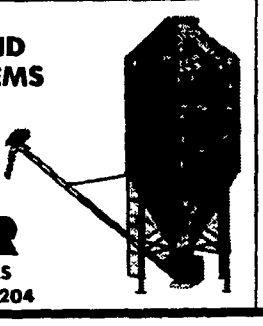

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Farm Women Societies

Lancaster Co. Society 2

Farm Women 2 held their April meeting at the home of Esther Lehman, Penryn.

The program was on safety. James Reed, fire chief of the Manheim Fire Company and assistant, Mr. Carpenter gave tips on how to avoid home fires and what to do if you have a fire.

Ada Almodovar was a guest of Society 2.

Society 2 will entertain Society 25 at the Farm and Home Center. Center on May 9 starting at 12:30 pm.

Lancaster Co. Society 5

Farm Women 5 met at the Ono Fire Hall recently.

Program for the evening was a ceramic demonstration.

Attending the meeting were 21 members and 4 guests.

The next meeting will be May 12 at 7:30 p.m. in the Kimmerling Grange Hall.

Lancaster Co. Society 15

Lancaster 15 met on April 16 at the home of Arlene Maule, Quarryville for a wild flower program.

Richard Warren presented a film on Lancaster County wild flowers entitled, "Suddenly it's spring."

Members responded to roll call by naming their favorite spring flower.

A mother's day family brunch will be held May 16 at Willow Valley Restaurant.

Lancaster County farm women will paint a dogwood tree at Penn Hill Meeting House in memory of the late past state president Adeline Edwards.

Lancaster Co. Society 22

Farm Women 22 held their April meeting at the home of Mrs. Ralph Martin.

Roll call was answered with "My favorite leisure time activity."

Members were reminded of the upcoming Spring Rally.

A motion was made to give a donation to the Dairy Princess program.

Members were reminded of Homemakers Day on October 26 & 27 at the Farm and Home Center.

The program for the evening was quilling, demonstrated by Arlene Hackman of Willow Street.

The next meeting will be held at the home of Mrs. LeRoy Eshleman, 2112 Millstream Road, Lancaster.

Lancaster Co. Society 26

Lancaster Farm Women shared a luncheon with Society 16 at St. John's Lutheran Church in Maytown.

Dottie Sipling, Edna Garber, and Katherine Garber were hostesses for the evening.

Patty Hudson decorated a graham cracker house and showed finished gingerbread houses. Everybody received a small sample of Patty's work.

Lancaster Co. Society 31

Farm Women 31 met at the home of Mrs. Preston Lefever recently.

Society 8 will entertain the members of Society 31 at a mother-daughter meeting on May 14.

The program for the evening included making macrame plant hangers or wreaths. Mrs. Kenneth Rutt and Mrs. Ben Wenger instructed.

Berks Co. Society 6

Twenty-three members of Berks County Society 6 celebrated their 15th anniversary at Stahls Seafood and Steakhouse, New Berlinville.

A family trip is planned for Saturday, June 27 to go to Dutch Wonderland and the Strasburg Railroad.

Mrs. Robert Noll and Nora Sweitzer will be making cookies for the Berks Heim Volunteer Tea for Wednesday, May 6.

Members will be serving at the refreshment stand at Oley on Saturday, May 9 and Thursday evening, May 14.

The next meeting will be held Tuesday, May 19 at the home of Mrs. Robert Noll, Oley, Rt. Jeffrey Bock will be speaking on kidney disease.

Cumberland Co. Society 12

Cumberland Farm Women 12 met at the home of Mildred Fertenbaugh.

As a surprise program for the members, the hostess planned a mystery dinner.

Thirteen members answered roll call by naming their favorite spring flowers.

Plans were made to have a lunch stand at a farm sale, April 25.

An invitation was read from Group 9 for an evening of entertainment and a meal for June 1.

The next meeting will be held May 14 at the home of Sara Fought.

Lebanon Co. Society 20

Lebanon Farm Women 20 met at the home of Marion Maulfair with 20 members and one visitor attending.

Members will be entertained by Group 5 on May 12 at Kimmerlings and will in turn entertain Group 4 in September.

Debbie Sheaffer was accepted into the group as a new member.

Vera Fahnestock showed movies of her "People to People" trip to China.

The next meeting will be held at the home of Susan Miller.

(Turn to Page C11)

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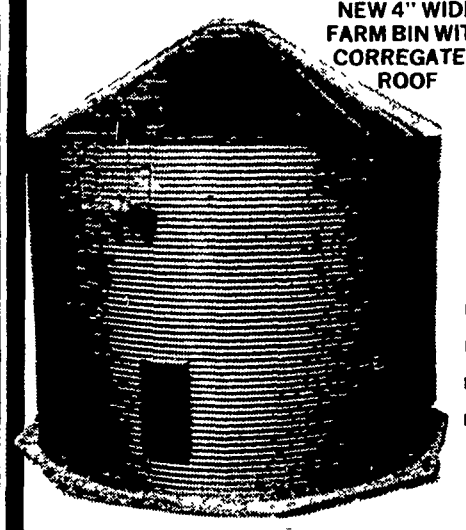

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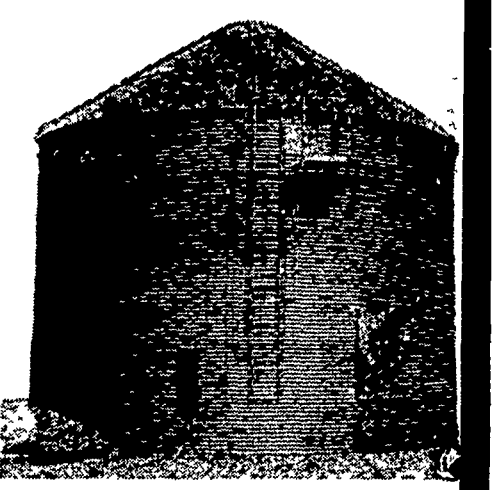

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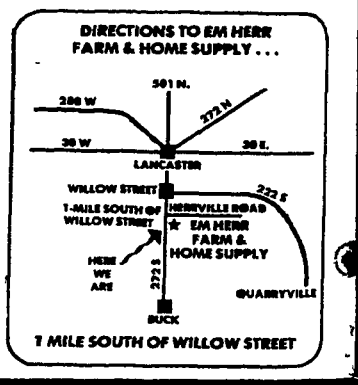

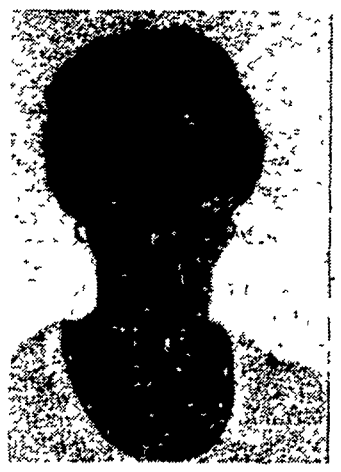

On being a farm wife -And other hazards

Joyce Bupp

Goodness me. Little did I realize this column would unleash such a fury back a few weeks ago.

"Ever since you wrote about how helpful a second wife could be around the farm, my husband's been looking for one," accused a dear friend who cornered me after a recent cooperative meeting.

Although she was shaking a finger in my direction, I knew from the wide grin and the twinkle in her eye that this fellow farm wife was pulling my leg.

Maybe she has a point, though. My mom always claimed, "What's good for the goose is good for the gander."

Or in other words, maybe what a farm needs even more is a second husband.

Actually, the first model put into use around his household is still in excellent working order. No parts have needed replacement and only occasional creakiness in the joints hint at the years of good service we've already gotten.

So, on a second husband model, I think I'd custom order a reprint of the first, with a few minor changes in engineering specs and operational programming. Perhaps the design engineers could add a hang-up-the-sweatshirt-and-farm-hat button, please? My model seems to have come through without his handy device.

And while they're at it, a lever for shaking straw, hay, silage and grain bits from the pants cuffs would be a real convenience feature.

A mechanically operated arm to remove bills from the wallet, before they're six months old and have been missed in the bookkeeping, might speed accounting procedures.

How about a push-buttom deodorizing feature that activates upon the model leaving the cow barn, eliminating carryover fragrances of manure, fermented corn, and the cow that didn't clean properly after giving birth.

I'd considered requesting a take-out-the-garbage feature but years of experience instinctively tell me that's an engineering impossibility.

A written guarantee, though, would be most helpful, especially if it covered the model's absolute use of the checkbook stub to keep track of parts and repair purchases and such miscellaneous small expenditures.

And one final request: I must have a second model with the sense of humor and patience built into the first.

Otherwise, I'd never again get away with writing something like this.

Writing contest open to FFA

HESSTON, Ks. — Future Farmers of America have been invited to enter the 1981 "Salute to Agriculture" contest sponosored by the Hesston Corporation. Winners will receive cash prizes and commemorative belt buckles of the National Finals Rodeo.

Contestants are asked to write a television public service message in 100 words or less about the role farmers and/or ranchers play in improving the economy and standard of living in North America.

In the previous three years of the contest, the "Salute" has been developed into a television message aired during the Hesston-sponsored telecast of the National Finals Rodeo. This year's winning entry will be used during the December 1981 telecast and will be given exposure in other media.

A 1981 National Finals Rodeo commemorative belt buckle will be awarded to 100 finalists. The winner will receive $500 in cash. Two second place finishers will be awarded $500 each. and five third place finishers will receive $100 each. Winners will be announced at the National FFA Convention in November in Kansas City.

"We urge those who enter to read the rules carefully, because there have been changes from last year," said Lu Achilles Wall, of Hesston Corporation.

Entry forms and rules are available from the state and national FFA offices, Hesston Corporation or Hesston dealers. Entries must be postmarked no later than September 30, 1981.

Peppel wins carcass honors

OKLAHOMA CITY, Ok. — Roderick Peppel, 14, son of Mr. and Mrs. Ron Peppel, Char-Ang-Ford Farms, Lawton, Oklahoma, won the champion carcass honors at the 66th Oklahoma 4-H and FFA Livestock Show.

The award was presented at the Annual Carcass Awards Luncheon on Friday, April 3, in Oklahoma City.

The Charolais sired steer won Peppel a $500 prize awarded by the American-International Charolais Association.

After dressing out, his 13-month-old, 1,060 pound Charolais-Angus steer graded choice and produced the highest performance indexing carcass. The 652 pound carcass had a 13.65 square inch rib-eye, .3 inch back fat with a 51.52 cutability and yield grade 2.

Reserve champion honors went to Tina Allen of Okemah, Oklahoma, also a Charolais enthusiast.

Farm Women Societies

(Continued from Page C10)

Cumberland Co. Society 20

Cumberland Farm Women 20, met recently at the home of Pat Deitch, R1, Boiling Springs.

Mrs. Barbara Rigney, the outpatient dietician at Carlisle Hopsital, gave a very interesting and informative talk on nutrition.

The meeting was conducted by vice president Beatrice Strock, in the absence of president Jean Basehore.

Final plans were made for the bus trip the group and their guests are taking May 5 to Winterthur and Longwood Gardens. They will be stopping in the Lancaster area to eat in the evening.

The Spring Rally will be held May 21 at Dickinson College. Group 20 has been asked to do a skit so 14 members will be going to this event.

The next meeting will be held May 20 at 7:30 p.m. at the home of Mrs. Pat Deitch.

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Kid's Korner

Fishing season is in full swing now and if you're a fisherman or a fisherwoman, you know how hungry you can get waiting for those fish to bite.

Surprise dad or mom with cookies the next time you go fishing. Remember to pack some ice tea or lemonade also; cookies do make you thirsty.

POORMAN'S COOKIES

1 cup raisins
1 cup water
1 cup sugar
1/2 cup shortening
1 egg
1 cup water (cold)
2 cups flour
1 t. cinnamon
1/2 t. nutmeg
1/2 t. cloves
1/4 t. salt
1 t. soda

Cook raisins in water until dry. Cream shortening, sugar, and egg. Sift dry ingredients together, add alternately with water. Stir in cooked raisins. Bake in 9 by 13 inch pan at 375 degrees for 20 minutes.

Frosting:
1 cup brown sugar
1/2 cup butter
1/4 cup milk

Boil frosting ingredients for three minutes. Beat and spread on top. Add nuts if desired.

LACE COOKIES

1/2 cup butter
3/4 cup sugar
2 eggs
1 t. cinnamon
1/2 t. soda
1/2 cup flour
1 cup pecans
1/2 cup raisins

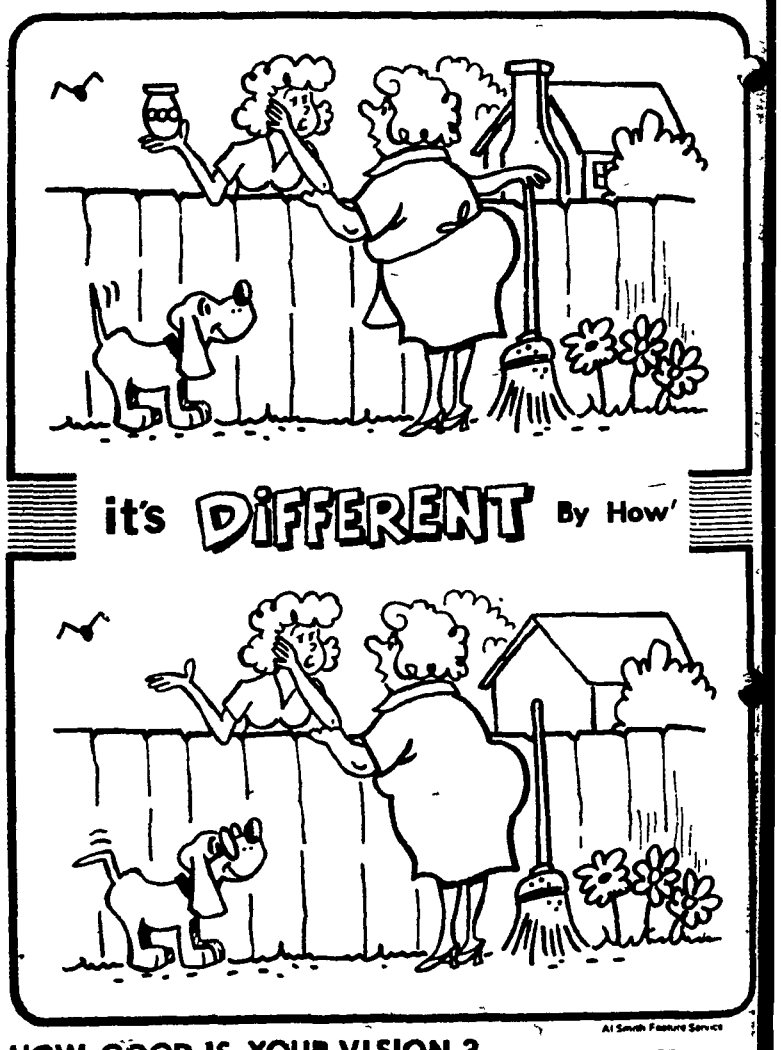
Cream butter with sugar, add eggs. Beat well. Add cinnamon, soda with flour. Add pecans then raisins. Drop small dabs on warm metal sheet and bake at 350 degrees for 10-12 minutes. Makes 4 dozen.

COLOR THIS!

1.	BLACK	6.	DK. GREY
2.	LT. GREY	7.	GREEN
3.	YELLOW	8.	LT BROWN
4.	BLUE	9.	LT BLUE
5.	BROWN	10.	LT. GREEN

THE KOALA BEAR IS A FURRY GENTLE AND FRIENDLY LITTLE ANIMAL THAT IS FOUND IN THE EASTERN STATES OF AUSTRALIA. THIS CUDDLY LITTLE CREATURE, WHO LOOKS LIKE A TEDDY BEAR, IS NOT ABLE TO LIVE WITHOUT A DIET OF EUCALYPTUS LEAVES. IT IS ABOUT 24 IN. LONG AND 12 IN. HIGH AT THE SHOULDERS. THE MOTHER CARRIES HER YOUNG IN A POUCH. AFTER IT GROWS, IT RIDES ON HER BACK.
8-7-80

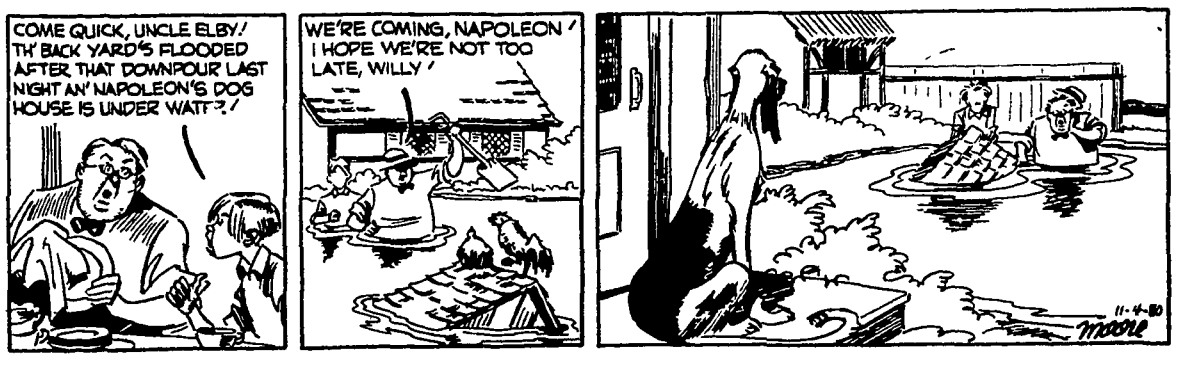
Our friskly little friend was named Peppy because she is such a rambunctious little thing. The owner reports a couple inches of growth since last you read about her. A stuffed puppy goes to Cindy Snyder of Lancaster for sending in the winning name.



HOW GOOD IS YOUR VISION ? There are seven differences in the second picture. Can you spot them ?

ANSWERS: Eye-glasses, Window, Chimney, Dog's tail, Apron, Arm, Vase.

These crazy pets


COME QUICK, UNCLE ELBY! TH' BACK YARD'S FLOODED AFTER THAT DOWNPOUR LAST NIGHT AN' NAPOLEON'S DOG HOUSE IS UNDER WATER!
WE'RE COMING, NAPOLEON! I HOPE WE'RE NOT TOO LATE, WILLY!
11-4-80
moore

Franklin Co. holds 4-H calf sale

CHAMBERSBURG — An intermediate calf, Windy Knoll View Mallard Anita, sired by Marcove Willow Mallard and from an estimated 20,000 pound milk dam topped the Franklin County 4-H Dairy Calf Sale held recently at the Franklin County Fairgrounds.

The high calf sold for $1,250 and was consigned by James and Nina Burdette, Mercersburg, and was purchased by Deborah Cashell, Chambersburg.

The sale was the sixth 4-H sponsored calf sale held in Franklin County.

The sale is designed to allow only 4-H club members, FFA members, and prospective junior breed club members buy project animals without competition from local breeders. Bids were limited to junior club members only.

Sixteen calves consisting of 15 Holsteins and 1 Jersey were sold with a sale average of $696. Ralph Horst, Marion, served as auctioneer.

Responsible for organizing and managing the sale was a sale committee chaired by George Cashell, Chambersburg.

Buyers are listed as follows:

Carol Mummert, Chambersburg; Michael Cordell, Chambersburg; Bentley Gamble, Concord; Wendy Beaver, Chambersburg; Keith Grove, Greencastle; Deborah Cashell, Chambersburg; Dale Mummert, Chambersburg; Doug Martin, Chambersburg; John Mummert, Chambersburg; Jesse Reichard, Waynesboro; Kelly Cordell, Chambersburg; Chris Reichard, Chambersburg; and JoAnn Frey, Chambersburg.

4-H sheep club meets

HARRISBURG — The Dauphin County 4-H breeding sheep club meeting was held April 10 at the home of Matthew and Krista Hetrich.

Several techniques used to worm sheep were demonstrated and reports on common sheep diseases were done by the members.

The date for the Middletown Kiwanis Fair will be August 17 to 22 at the Middletown Fair Grounds.

The next meeting will include a lesson on judging lambs at Saver's farm at 7:30 p.m. on May 29.

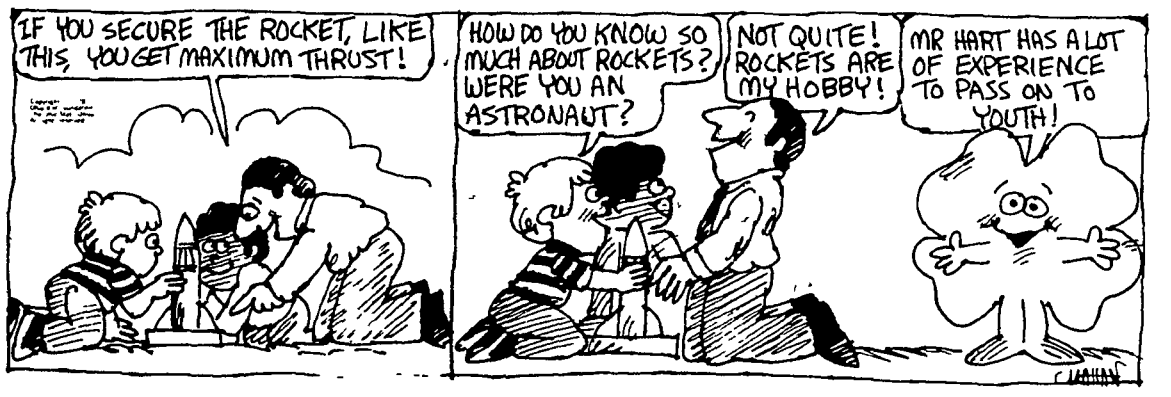
Baby beef club meets

CHAMBERSBURG — The Franklin County 4-H baby beef club met Thursday, April 16, at the Citizen's Bank in Greencastle. Seventy members and parents attended.

Club members were reminded of the weigh-in date and time. All 4-H project steers must be branded on Saturday, May 16 starting at 8 A.M. at the Greencastle Auction Barn.

Les Burdette, animal livestock specialist from Penn State, presented a program on "Feeding and Management of 4-H Calves and Steers." A question and answer period followed.

CHRIS CLOVER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"Eggnormous" arts demonstrated

JEFFERSON — "Egg"normous Creativity was demonstrated by the Jefferson 4-H'ers as each person did his own thing in design and coloring eggs for an Easter egg hunt.

The club dyed the eggs as a service for the Ladies Auxiliary of the Jefferson Volunteer Fire Company for their annual Easter egg hunt.

The "Egg"citing creativity followed the monthly business meeting of the community club.

Michelle Bankert, president, presided over the meeting mentioning that the Jefferson club won second place for their demonstration in the 4-H Expo held April 2-4 at Delco Plaza.

Rural Life Sunday will be observed by the club on May 24 at St. Paul Dubb's church. All are urged to attend.

May 2 will be the club's bike rodeo at the Jefferson Fire Hall.

Conodoguinet 4-H meets

CARLISLE — The Conodoguinet 4-H Sheep Club of Cumberland County met on April 15 at the home of Clark Capozzi.

A sheep shearing demonstration was conducted by Robert Holtry, Ray Holtry and Laura Watts. Ray and Laura demonstrated the Australian method, while Robert demonstrated the Pennsylvania Dutch method.

A brief business meeting followed the sheep shearing demonstration.

The next regularly scheduled meeting of the Conodoguinet 4-H Sheep Club is slated for May 20 at the Monroe Township Municipal Building.

Any persons interested in a 4-H Sheep Project in Cumberland County may contact the following people: Marlin Rook, 717-776-3376; Robert Holtry, 243-1838; Laura Watts, 249-7200.

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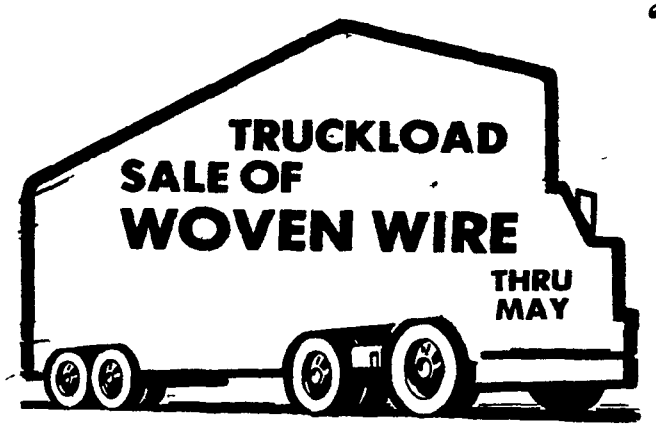

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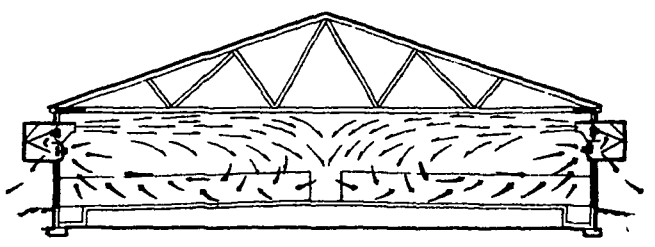

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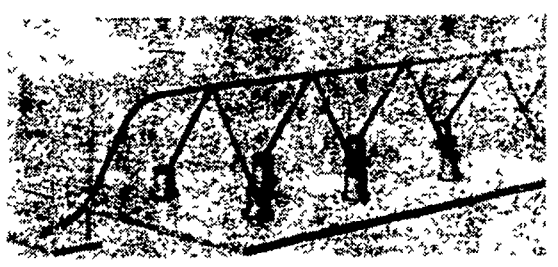

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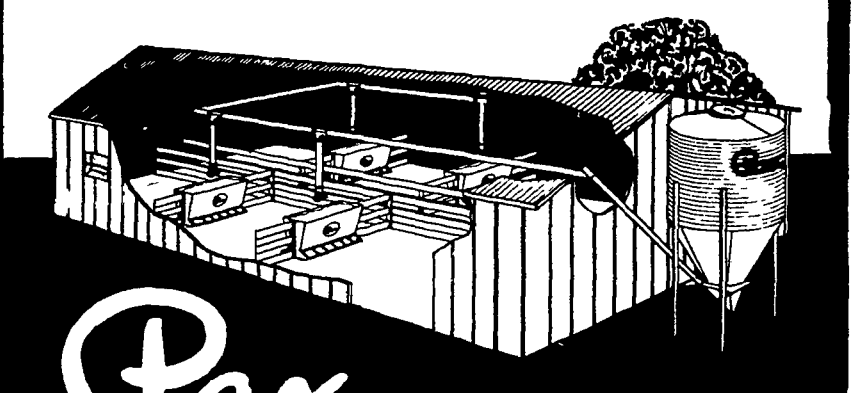

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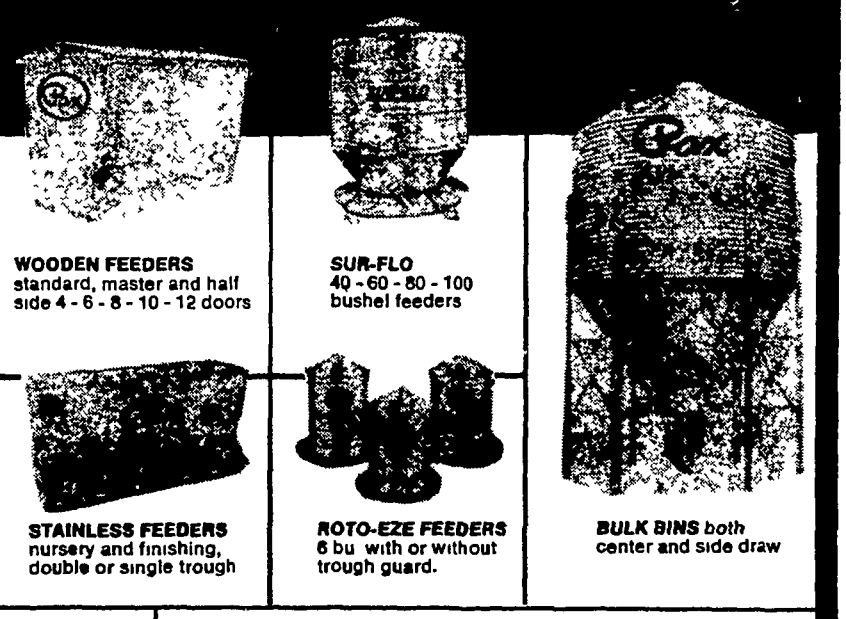

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Leaders form Friends of 4-H

UNIVERSITY PARK — Pennsylvania's educational 4-H program is currently serving 153,000 boys and girls and is still growing.

It's growing because an interested group of business and industry leaders recently formed the Pennsylvania Friends of 4-H to develop new sources of financial support to promote the youth program.

"All 4-H alumni, current members and their families, are encouraged to make a donation to Friends of 4-H and become charter members of the organization," says Dr. Maurice Kramer, state 4-H youth program director at The Pennsylvania State University.

Dr. Kramer notes that by becoming a charter member, individuals and groups can help boys and girls become involved in exciting and worthwhile projects. It also may help the 13,000 volunteer adult and teen leaders to expand their leadership skills and provide a broader program for youth.

"Presently, individuals who wish to support Penn State's 4-H program do not have a viable means to make financial contributions to expand program quality," the 4-H youth director explains. "Pennsylvania Friends of 4-H was organized for this purpose."

To become a charter member, the donation should be made payable to Pennsylvania Friends of 4-H and sent to the Office of Gifts and Endowments, 100 Old Main, University Park, PA 16802.

Dr. Kramer emphasizes that special educational programs will be developed through the organization. These include:

-Scholarships for teens to develop their leadership skills and abilities. Teen leaders will further develop skills by teaching other youth.

-Innovative county programs designed by youth and adults to reach the needs of youth and to try new methods of approaches.

-Scholarships for 4-H'ers to participate in international programs and to help sponsor youth from other countries while visiting with Pennsylvania families.

-Special training programs for adult volunteers to strengthen and expand their leadership potential.

-Assist volunteer leaders to serve on state curriculum committees to advise specialists regarding 4-H project needs.

Dr. Thomas King, left, Penn State associate dean for extension, the first charter member of Pennsylvania Friends of 4-H, receives certificates from Dr. Maurice Kramer, state 4-H youth program director and secretary-treasurer of the organization.

Goat owners to hear specialist

LANCASTER — The care and management of dairy goats will be discussed and compared to that in other countries around the world at 7 p.m., May 5 at the Farm and Home Center, Lancaster. The public is invited.

University of Delaware Dairy Specialist, Dr. George Haenline, will be speaker. Dr. Haenline has observed the dairy goat industry and dairy goat management in many other countries. In a slide presentation on dairy goat management, he will also be comparing our practices with those of other countries.

The event is being sponsored by the Dutch Country Dairy Goat Club and the Penn State Extension Service of Lancaster County.

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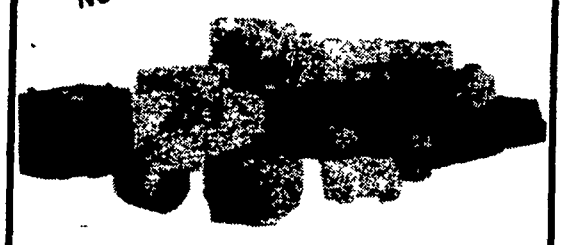

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Delaware state 4-H leader dies

NEWARK, Del. — James O. Baker, Delaware state 4-H leader since 1960, died at home on Sunday, April 12. He will long be remembered by Delaware youth and fellow extension workers for his tireless efforts on behalf of 4-H youth work in the state.

Baker began his 4-H career as a county agent in his native West Virginia in 1950. Eight years later he came to Delaware as Sussex county 4-H agent.

In 1960 he became state 4-H leader. Born in Fairmont, W.Va., he held a B.S. in agriculture from West Virginia University and a M.S. in agricultural economics from the University of Delaware.

Among his many achievements as state leader was the stengthening of the 4-H junior leadership program - a source of some of the state 4-H program's strongest supporters today. Many of these former club members are now volunteer leaders or project leaders for other youth.

One of Baker's most recent achievements was the establishment in 1979 of the Delaware 4-H Foundation.

Delaware 4-H'ers and fellow extension workers mourn the recent passing of James O. Baker, state 4-H leader since 1960. The West Virginia native was well-known for his dedicated work with Delaware's young people.

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Area FFA selects speaking contest winners

MILLERSVILLE — Winners were selected in Area FFA Public Speaking and Parliamentary Procedure competition among chapter contestants from Lancaster and Chester counties held Wednesday, April 22, at Penn Manor High School.

First-place winners in the various categories of competition were:

Public Speaking – Douglas Hershberger, of Solanco High School.

Extemporaneous Speaking – Barry Geib, of Manheim Central High School.

Parliamentary Procedure – The team from Owen J. Roberts High School, which includes Loren Ruth, president; Kathryn Soltys, vice president; Karen John, secretary; Alan Golden, treasurer; Mike Jankowski, sentinel; Darrell Guest, reporter; Andy Batdorf, student advisor; Tom Roth, chaplain; and alternates, Chris Soltys and Ken Adams.

In addition to these first-place winners, other FFAers who will move on to take part in regional competition at Kutztown on May 7 include:

Tom Roth, of Owen J. Roberts High School, second in public speaking; and Mervin Keagy, of Penn Manor High School, who placed third.

William MacCauley, of Octorara High School, who placed second in the extemporaneous competition; and Angie Booth, of Penn Manor High School, who placed third.

The second-place team in the parliamentary procedure competition was Solanco High School, which will also move on to the regional competition. The team includes Douglas Hershberger, president; Tom Herr, vice president; Jack Heidelbaugh, secretary; Ernie Frey, treasurer; Brett Holzhauer, reporter; Ken Scott, sentinel; Ken Miller, student advisor; and Tina Tadych, chaplain.

In public speaking, the list of contestants also included Carolyn Witmer, of Garden Spot High School; Kathryn Soltys, of Owen J. Roberts High School; and Greg Stapleton, of Octorara High School.

Other competitors in the extemporaneous competition were Bill Henley, of Octorara High School; and Bill Wylie, of Oxford.

The two remaining teams in the parliamentary procedure competition were those from Manheim Central High School and Octorara High School.

Public speaking winners in area FFA competition include, from the left, Douglas Hershberger, first-place, of Solanco High School; Tom Roth, second-place, of Owen J. Roberts High School; and Mervin Keagy, third-place, of Penn Manor High School.

Top winners in the extemporaneous speaking competition held among Lancaster and Chester County FFA contestants are, from the left, Barry Geib, first, of Manheim Central High School; William Mac Cauley, second, of Octorara High School; and Angie Booth, third, of Penn Manor High School.

See picture Page C18

First-place Parliamentary Procedure team from Owen J. Roberts High School in area FFA competition is made up of, from right to left, Loren Ruth, president; Kathryn Soltys, vice president; Karen John, secretary; Alan Golden, treasurer; Mike Jankowski, sentinel; Darrell Guest, reporter; Andy Batdorf, student advisor; Tom Roth, chaplain, Chris Soltys and Ken Adams, alternates.

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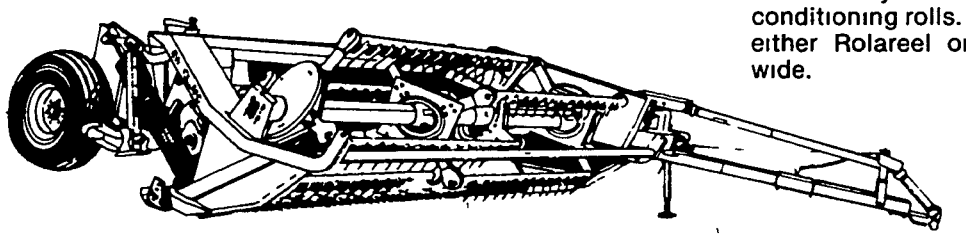
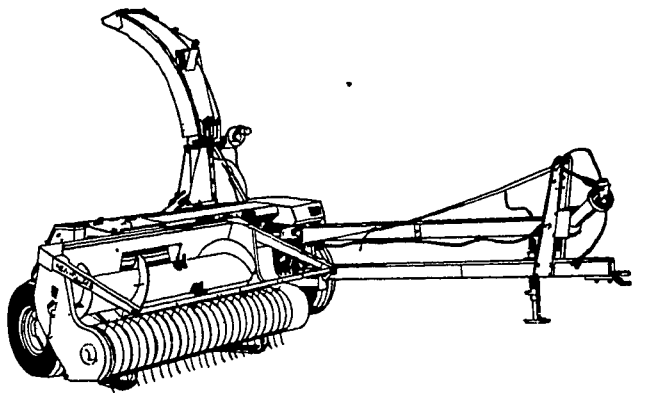


Model 782: Heavy duty from hitch to spout.



The Model 782 is built for heavy-duty performance. The 12-knife cutterhead chops uniformly, without a recutter screen. But for special crops and conditions, recutter screens are available. Check these outstanding features:

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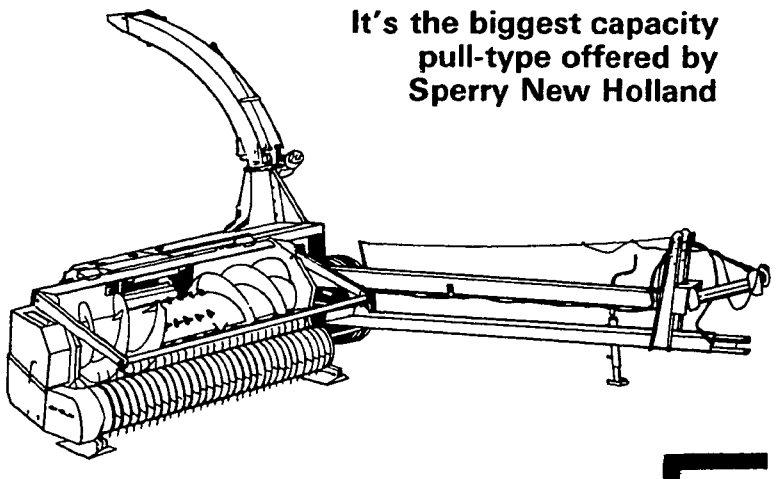

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- Flip-up feed roll makes shearbar adjustment easy
- Big choice of crop heads, too, including the exclusive interchangeable 3-row crop head/windrow pickup, 2-row low-profile crop head, conventional windrow pickup, sicklebar and ear-corn snapping heads
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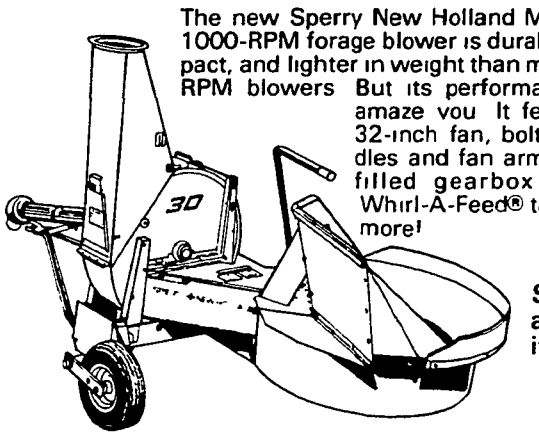

Stop in and see it soon

Area FFA

Second-place Parliamentary Procedure team from Solanco High School includes, from right to left, Douglas Hershberger, president; Tom Herr, vice president; Jack Heidelbaugh, secretary; Ernie Frey, treasurer; Brett Holzhauer, reporter; Ken Scott, sentinel; Ken Miller, student advisor; and Tina Tadych, chaplain.

Fulton Grange meets

OAKRYN — Fulton Grange No. 66 met in regular session on Monday evening here at the Hall. In the absence of the regular Master Thomas C. Galbreath, David Wissler presided at the business meeting.

The first four degrees were conferred upon a class of twelve candidates at a special meeting held last Saturday.

Fulton Grange gave a ten dollar donation to the Lancaster County Dairy Princess Fund, a ten dollar donation to the National Grange Youth Leadership Fund, and a two hundred dollar donation to the Pennsylvania State Grange Headquarters Improvement Fund. They also decided to enter the State Grange volleyball contest.

The lecturer, Mrs. Jesse Wood, introduced Colleen T. Kelly, senior horticulturist and Brian Staeger, senior agronomist for A D Soil Systems, West Chester, who showed slides and spoke on "Agricultural Utilization of Sewage Sludge." They explained their program which is free to local farmers who have a permit from the Pennsylvania Department of Environmental Resources. It takes three or four months to process a request. The sludge is treated by the city of Philadelphia's sludge treatment program and handled according to state regulations.

The program also included group singing "The Dear Old Farm" and a reading "What's Up" by Linda Wood.

The topic for the next meeting, May 11, will be Ritualism.

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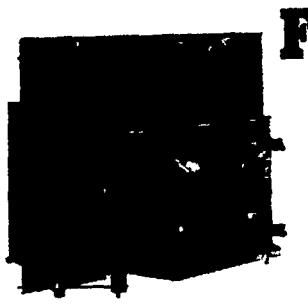

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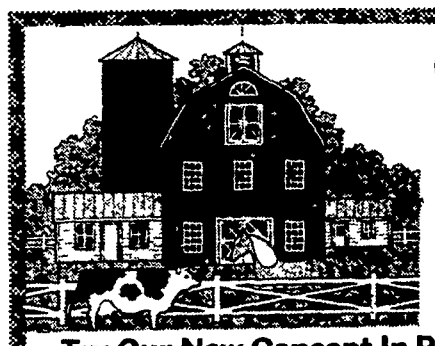

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TANKS TANKS TANKS

Florida FFA chapter is 'Saving the Dunes'

BUNNELL, Fla. — Members of a Future Farmers of America chapter in a community near Daytona Beach, Fla., have discovered a way to stop sand erosion that threatened Flagler Beach and could have destroyed a nearby highway.

Some 90 FFA members are planting tough, salt-resistant grasses with long, fibrous root systems across 18 miles of beach.

When available, the group lays down discarded Christmas trees to slow the blowing sand, says FFA advisor Jim Galvin.

Galvin says consistent high winds and hurricanes plague the beaches during fall and winter months, causing water levels to rise and waves to crash against the dunes. As the waterfront inches closer, erosion has become severe enough to threaten a nearby state highway, he says.

Heavy winds blow much of the sand away, further complicating the problem.

Members of the Future Farmers of America chapter in Bunnell, Fla. work to save the sand dunes of a popular seaside area near Daytona Beach. The FFA members hand-plant and care for tough salt-resistant grasses and use discarded Christmas trees to check the beach erosion. The effort is part of the FFA Chapter's Building Our American Communities project.

Last summer, the Bunnell FFA chapter in Flagler Beach began a three-year plan to "Save the Dunes."

Beginning with 3,000 salt-tolerant plants, FFA members treated the beach much as a backyard garden, carefully watering plants to ensure their survival.

Last winter, with the help of the 500 citizens of Flagler Beach, they collected discarded Christmas trees and lined them at dune sites.

Explains Galvin, "We placed the trees in the most eroded dune areas, laying them down on their sides in gulleys caused by erosion and partially covering them with sand to hold them in place.

"The blowing sand caught in the limbs of the trees, and naturally started piling up. Within two weeks, the trees disappeared under the reconstructed sand dunes."

With 2.5 miles of the most popular part of the beach restored, Galvin says his chapter has accomplished what couldn't be done before:

"People tried a lot of other

(Turn to Page C21)

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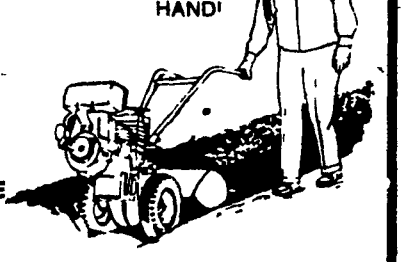

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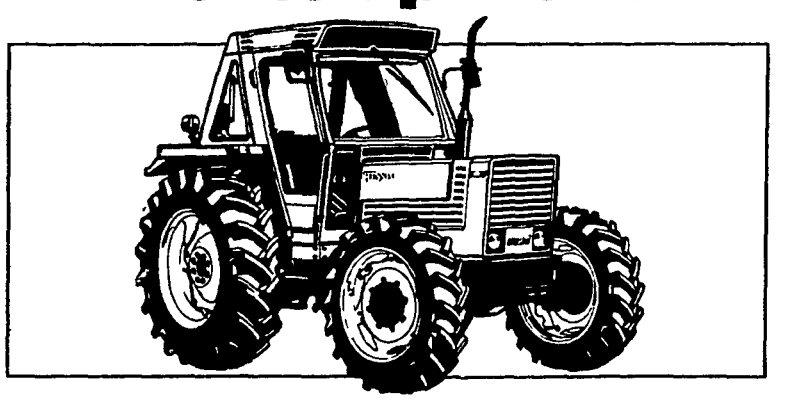

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BY DEBBIE KOONTZ

LANCASTER — If you're looking for just that right "touch of class" to change your winter-sick home for a short period of time (instead of doing costly redecorating), look to nature for ideas.

Flowers, apple blossoms, green tree leaves and plants can bring the beautiful vibrant colors of the outdoors into your home.

"Don't be afraid of decorating and experimenting with flowers; do it because it reflects your character," says Claude Jones, Jr., a Williamsburg florist. He recently presented a program at the Farm and Home Center.

"You see flowers not only in wild life, but also in fabric and architecture," he explained. "Use them; they're natural beauty. You can't go wrong in designing an arrangement because flowers are beautiful before you even start."

But he did have one piece of advice to offer those attending, "Your first attempt is always the best so put them in the vase or pitcher and leave it alone."

And Jones followed his own advice. Within minutes of beginning each creation he had produced spectacular arrangements which brought loud praise and applause from onlookers, most members of the Green Acres Garden Club. Once a flower entered the green floral clay, it remained there until the finish. Jones never replanted any flower.

Over 200 people witnessed the flower master produce his art at the program co-sponsored by the Farm and Home Foundation and the Garden Club.

Jones and his art were featured in the 1980, January/February issue of Colonial Homes.

His next piece of advice was to warn the ladies not to throw anything away.

"If you keep anything long enough it will come back in style because style depends on the past a great bit," he said.

The first creation to evolve began with an empty pewter pot. By simply adding tree branches full of green and brown leaves and yellow tulips, he produced an arrangement any homemaker would love to use when entertaining guests.

If majority were to rule at this event, members would have awarded his lilac and tulip creation a first prize. This arrangement consisted of draping lilacs, roses, tulips and daffodills.

About this flower gathering Jones said, "Never put roses in without cutting them with a sharp knife first. Shears close the stem, don't use them."

"Place flowers in warm water before using them so they stay beautiful longer," he said. "As a preservative, try a can of 7-Up, 2 cans water and a tablespoon of Chlorox."

But don't stop at the flowers for designing, Jones said.

"Lily foliage is great to use for a hanging effect and spanish moss is the best thing to use when covering the clay. This moss also adds depth."

To hold your arrangements, Jones suggests mugs, old pots, cans, driftwood and anything your imagination creates.

"If you use driftwood, don't be afriad to join pieces together to create whatever effect you want," Jones said as he hammered two pieces together.

If you're feeling particularly lazy this week or just want to enjoy your flowers outside a little longer, go to your nearest apple blossom tree and break off some branches.

"This is the best way to make an easy simple arrangement," Jones said. "Don't let public opinion bother or deter you when you design."

After eight creations in an hour and a half, Jones summed up his work with these words: "Remember, a thing of beauty is a joy forever and it just goes on and on and on."

Black and white does not do justice to this purple, orange, yellow and red arrangement. But because beauty is in the eyes of the beholder, you can still appreciate it as is.

...permanent interior decoration

This begins a three part series on home design in conjunction with three workshops presented by Doris Thomas, Home Economist, at the Farm and Home Center. Look for part two next week

LANCASTER — So you've decided to redo that troublesome room but you just don't know where to start, and you can't afford a professional designer. What do you do?

You do it yourself suggests Doris Thomas, Extension Home Economist.

Whether you live in an old farm house, as most farmers still do, or in a newer home, everybody at one time or another gets involved in a decorating project Thomas says.

"If you can afford a decorator to do your home, that's great. But decorators don't take into account the family which lives in your home," she explained. "Your accessories are you and you should display them."

Thomas advised before beginning any decorating project to sit down and consider: 1. how much money you can spend; 2. how adept you are at doing some of the projects; 3. the ages of your children; 4. the type and amount of entertaining to be done in that room; 5. the color, never try to carry color in your mind, always carry a copy of the desired color with you when shopping.

If you ever envy the way your friend can turn her home into a picture from House Beautiful, then these steps are for you to remember when you begin decoratung.

The first four points are very restricted to your budget and routine, but the fifth category is wide open and that may be what's deterring you from moving ahead with your decorating. Thomas felt it important enough to devote Tuesday's entire workshop to it.

"There are three things to remember when working with color: 1. hue, by the names of yellow, green, red, etc.; 2. values, dark and light; and 3. intensity, dull and bright.

To practice with color create your own colorwheel or experiment with water colors. Don't feel childish when trying color creation; some people spend entire careers working with color.

To create a colorwheel, draw a circle and cut it in thirds as you would a pie. Label one cut blue, one red and one yellow. These are the three primary colors and all others derive from them.

Next draw another line between each color and fill in green, orange and purple, making sure to place purple between blue and red and orange between red and yellow and etc.

Color is usually the most important basic to a designer. The effects of using color can be so tremendous to any design that not knowing how to use it could destroy the effectiveness of any other qualities.

Color carries with it a lot of psychological aspects. Warm colors, yellow, red, orange, urge and arouse you. Cool colors, blues and greens, make you feel relaxed and content and cold.

For an experiment, set the temperature the same in both a blue room and a red room and judge which one feels warmest. The red or yellow one almost always will.

Vivid, bright colors in a room tend to make the objects look closer and the room smaller. Place two chairs equal distance from you and cover one with a red blanket and one with a blue blanket. Doesn't the red seem much closer?

Use appropriate colors together. To determine what colors go well together, look at your colorwheel.

Complementary colors are those opposite one another on the wheel. Use these for designing in two colors. If you want three colors, follow a triangle on the wheel. For instance, if you want to use yellow, try red and blue which complete the triangle.

If you want to use purple, try different shades dominating in the room and yellow, which appears opposite purple on the color wheel.

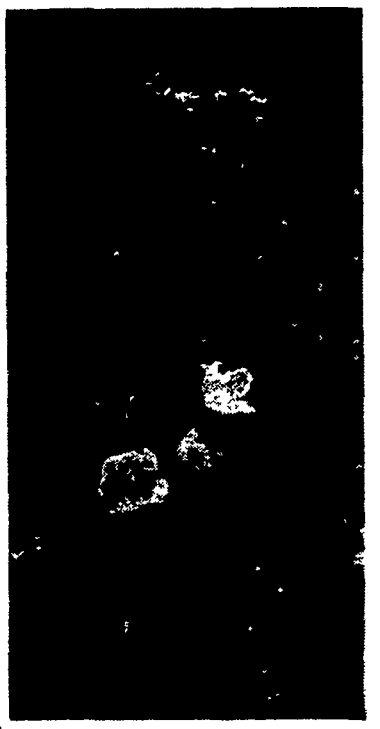
Another way to match colors is to pick a color and use one or two to the left or to the right of that color. These are called analogous hues, for they have a dominant color in common.

Try your chosen colors at all hours of the day as light can greatly change color. For instance, southern exposures have more light. You may want to use cooler colors.

It takes a lesser amount of warm color to balance a larger amount of cool colors. For instance, a small bit of red will balance a large area of yellow-green.

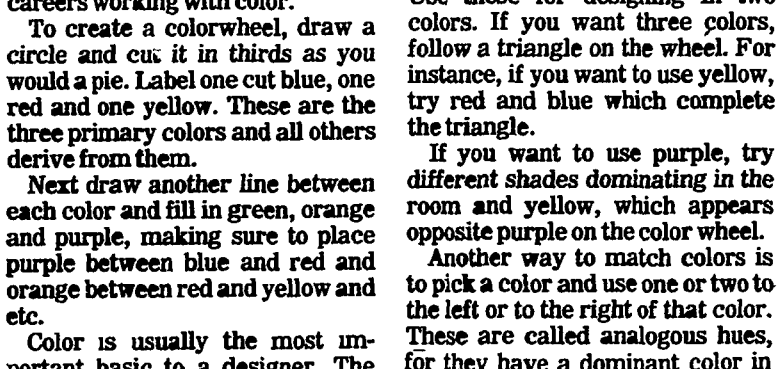
The larger the area used, the quieter the color should be. Remember this also when planning color flow from one room to another. Don't use such a drastic change that it becomes irritating.

Sometimes deciding on step one, color, can solve all your problems, If not, look for next week's hints.—DK



Who would have thought branches and tulips could be so beautiful together?

Old tin cans and vases make perfect bases for flower arrangements.



Want an easy decorating idea? Dig out those old blue medicine bottles, fill them with flowers, and they're ready to grace your table.

UEP designates director of welfare

DECATUR, Ga. — Chris Bushway, formerly United Egg Producers' director of Government Relations, has been named by Al Pope, UEP's president, as director of Animal Welfare.

This move was in recognition of the significantly wide-range effect of the animal welfare issue and was done at the request of UEP's committee on animal welfare.

Bushway has been retained by the UEP Board to work on two special projects, the animal welfare issue and the amendment to the industry's checkoff program.

A number of actions were taken by the UEP committee on animal welfare: Gene Gregory was appointed committee chairman; work with the all-industry task force; develop an industry code of good management practice was begun; develop industry situation brochure was begun; establish industry clearinghouse for animal welfare information; Seek academic advisor to committee; develop producer certification program; develop egg industry press kit; establish communication network.

According to Chairman Gregory and Director Bushway, a first draft of the industry code of good management practice could be ready for circulation to committee members within thirty days.

Industrymen are encouraged to share animal welfare information and activity by writing Chris Bushway, Director of Animal Welfare, United Egg Producers, 3951 Snapfinger Parkway, Decatur, Georgia 30035.

Saving dunes

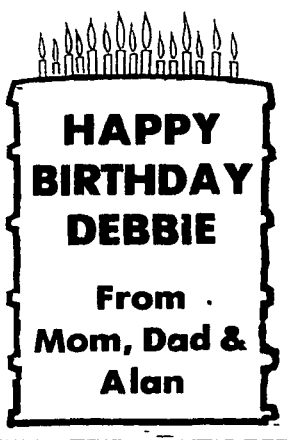
(Continued from Page C19)

methods to stop the erosion, including putting up expensive boulders as barricades, but nothing ever worked.

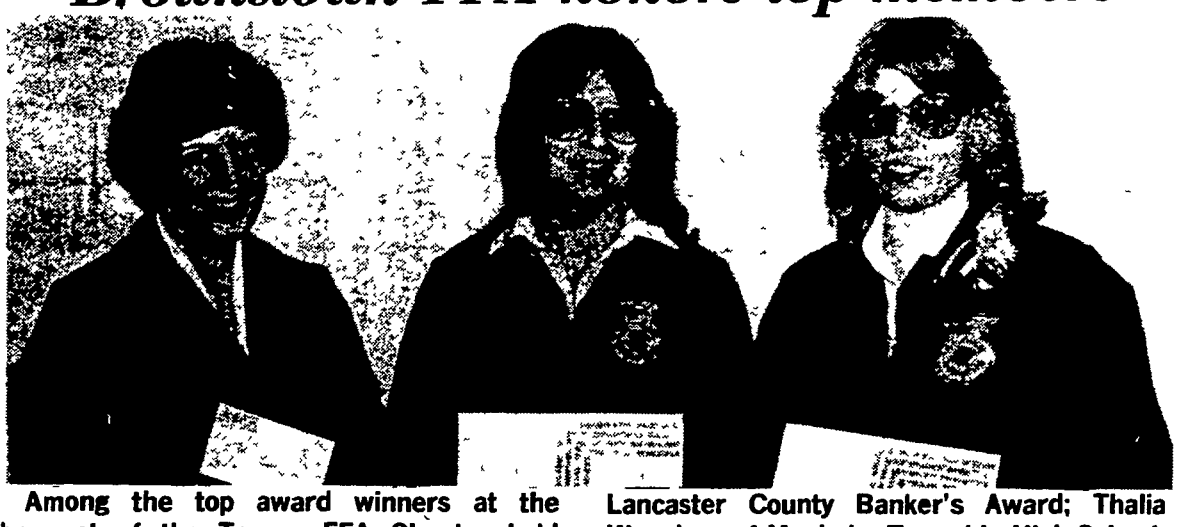
"The beauty of this project is that there's hardly been any expense. The plants, whose root system will save the dunes naturally, were mostly donated. I guess nobody ever thought of it before because of the labor involved. No one had the time."

That's all changed, and today, dozens of nearby civic groups are involved with the project, the FFA advisor says.

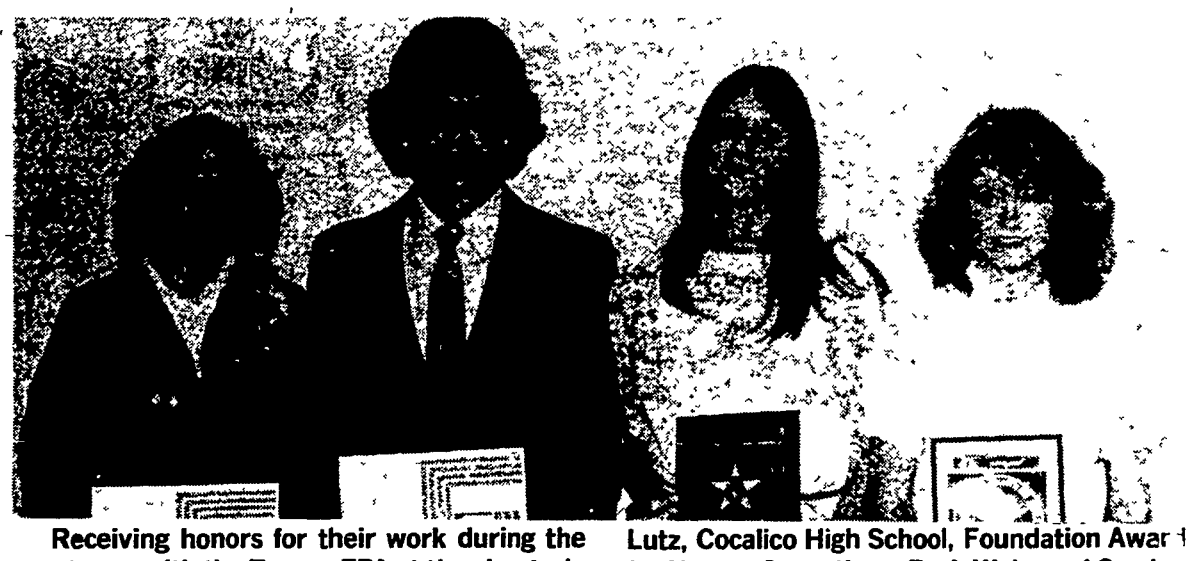
"The project was really an experiment when we started," he says, "but it has worked beautifully, and it will work anywhere."



Brownstown FFA honors top members



Among the top award winners at the banquet of the Tevoca FFA Chapter held Thursday, April 23, at the Brownstown Vo-Tech School were, from the left, Lucy Boll, of Warwick High School, who received the Lancaster County Banker's Award; Thalia Kiapokas, of Manheim Township High School, who was named Star Greenhand; and Dianne Carvell, of Cocalico High School, who was named Star Chapter Farmer.



Receiving honors for their work during the past year with the Tevoca FFA at the chapter's banquet on Thursday, April 23, at Brownstown were, from the left, Bonnie Keppley, Conestoga Valley High School, Foundation Award for Excellence in Floriculture; Keith Lutz, Cocalico High School, Foundation Awar for Nusery Operations; Barb Weber, of Garden Spot High School; and Hilda Williams, Warwic High School, both of whom received Proficiency Awards in Floriculture.

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Ida's Notebook

Ida Risser

The merry, merry month of May! A time to be outside enjoying the spring flowers and the sunshine. But as I still have things undone in the house, I put off going outdoors.

My collection of dishes in the old corner cupboard did finally get washed and rearranged with Cindy's help. Although, I never did get to sort through some boxes and bags of old papers from my mother's house that were shared last year. Maybe there will be a rainy day and I'll settle down and browse through them.

When I do finally go out to work, there is so much to be done. This Spring I dug up four buckets of garlic which grows in clumps everywhere. Of course, I couldn't throw all of it away, so I kept the biggest garlic cloves to use in cooking and even froze some.

My pruning shears is always handy as the forsythia, pussy willow and mock orange bushes all need trimming again. Also this Spring, we planted 150 asparagus roots with Allen's help.

As I work I notice that the pair of wild geese are nesting on the island below our house again this year. This means that our big white geese live in the yard as the wild gander will not allow them anywhere near the meadow. He is a vicious and mean fellow.

While hauling manure and preparing the ground to plant corn the other week, my husband saw a red fox running along a fence row. I wish he were an enemy of groundhogs as there are several that live too close to my garden and chew off the new bean sprouts. I'm thankful that they don't like strawberries and sugar peas or I'd be out of the produce business.

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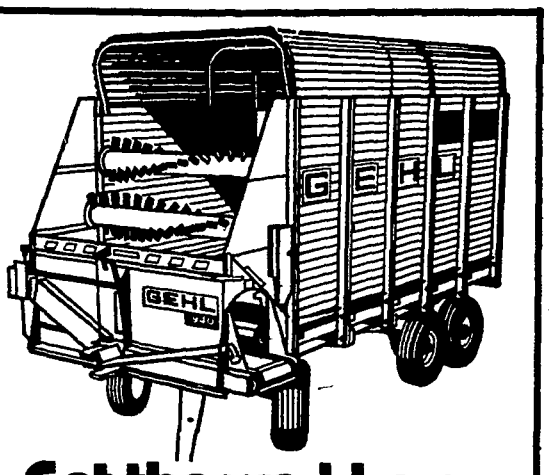

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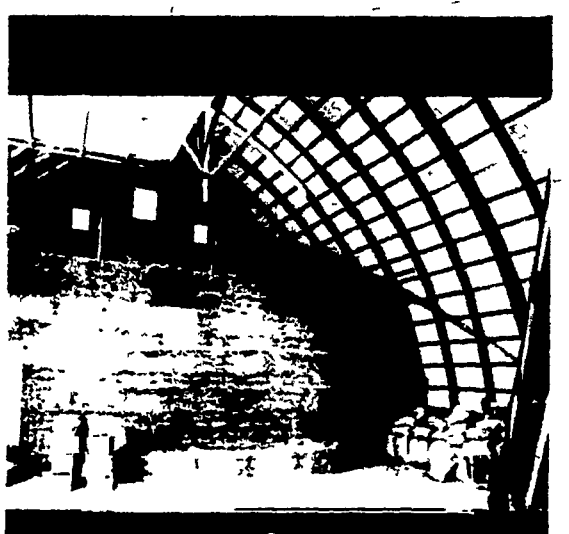

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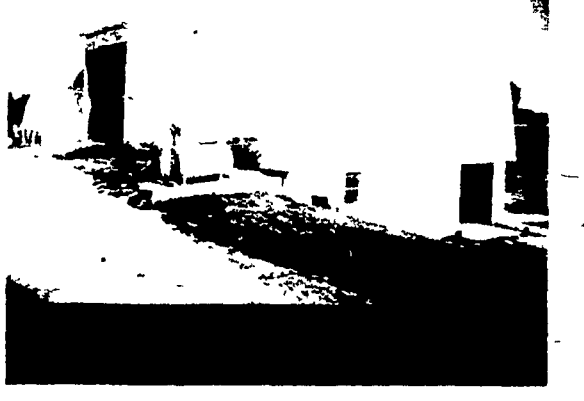

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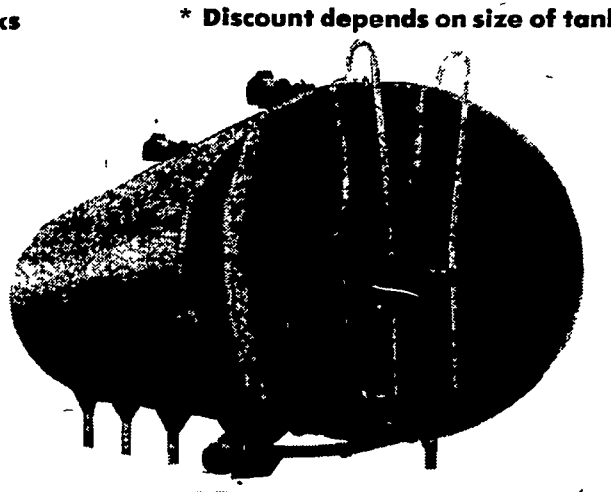

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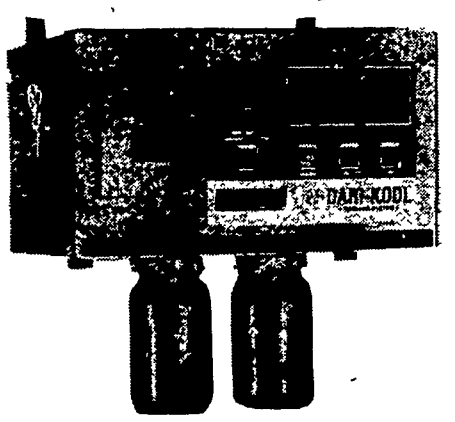

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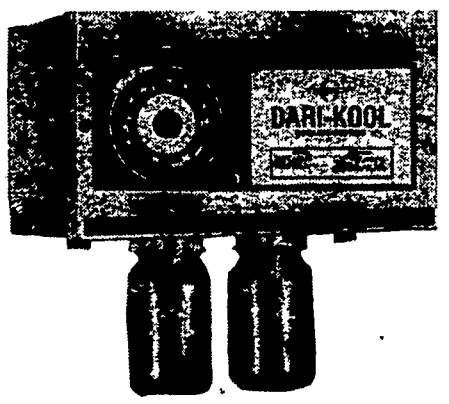

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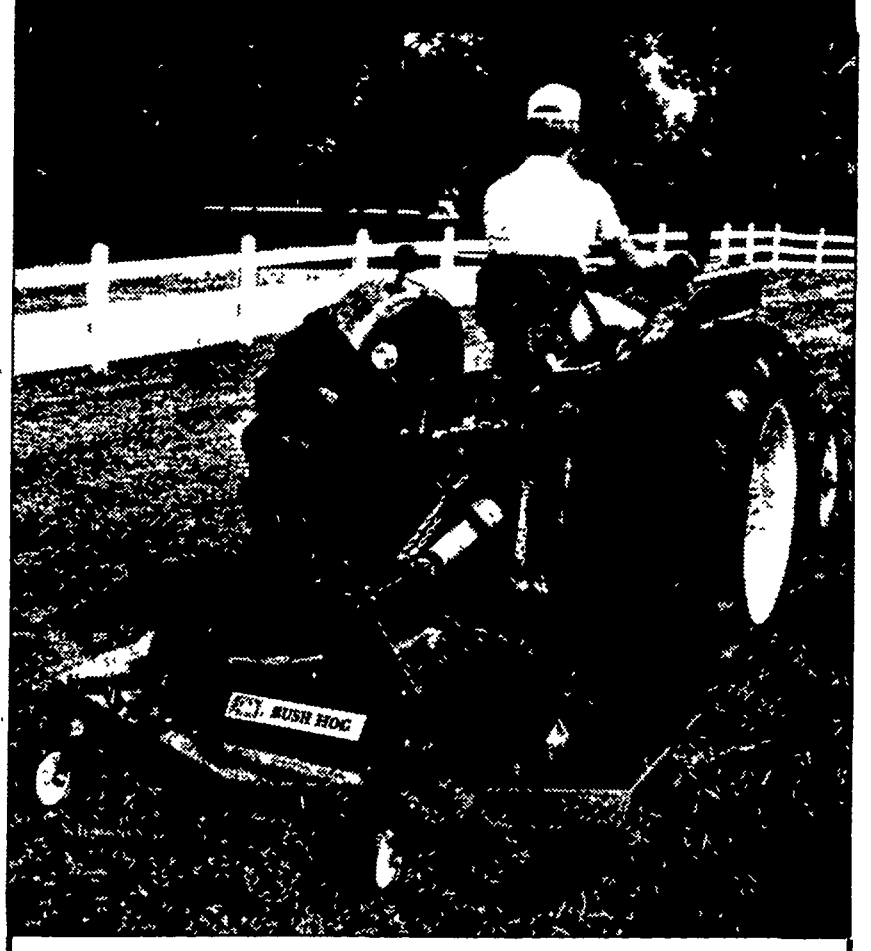

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USDA sees shortage of home economics professionals

WASHINGTON, D.C. — Jobs for college graduates trained in home economics will be more plentiful than qualified applicants throughout the 1980's, a U.S. Department of Agriculture official says.

"More home economics graduates will be needed to achieve progress in family and individual stability, security and quality of life," said Anson R. Bertrand, USDA director of science and education. "We foresee an annual shortage of about 7,000 individuals with home economics or home economics-related degrees.

"This shortage also will affect the growth of household-oriented businesses and industries," he said.

Bertrand based his forecast on a study prepared by USDA's Science and Education Administration. He said the study projects the most critical need for graduates with doctoral degrees.

Educational backgrounds especially needed at the doctoral level are in design, manufacturing and processing; college teaching and administration; scientific and professional specialties; service specialties; and administration and management.

Bertrand said the study, the second in a series, was made in response to the Food and Agriculture Act of 1977, which directs USDA to assess the need for research, extension, teaching and professional development in the food and agricultural sciences.

The first study, issued in July 1980, reported on the need for graduates in agriculture, natural resources and veterinary medicine.

Information on the supply of higher education graduates came mainly from surveys made by the National Center for Education Statistics, U.S. Department of Education. Some data were acquired from the education department's office of consumer and home economics education and from the Association of Administrators of Home Economics.

Statistics on occupational employment demand came from the U.S. Department of Labor's Bureau of Labor Statistics, from a USDA-funded study by Clemson University and from USDA data.

In preparing the study, the Science and Education Administration enlisted the aid of consultants from the Association of Administrators of Home Economics, the National Council of Administrators of Home Economics and the American Home Economics Association.

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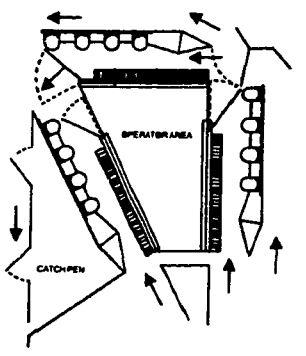

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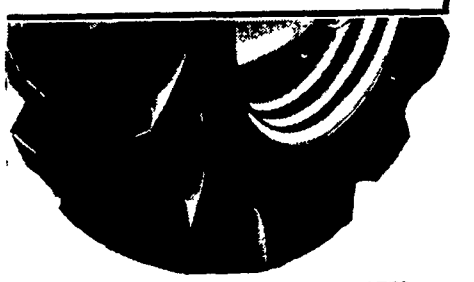

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Quilt Sale nears

LANCASTER — Next Saturday quilt fanciers will have the opportunity to purchase a potential heirloom quilt at the second annual benefit auction for the Breezy View Christian School, located on Route 441 at Breezy View Road. Twenty-five quilts will be offered for sale, with 10 of them quilted in frames. Patterns include the lone star, dresden plates, a sampler and an original design called cross and crown, among others. According to Fran Bushong, one of the quilters, the quilts "should last 100 years." One crosstitch quilt in the "new rose" pattern will be given by drawing during the event. In addition to quilts, all kinds of homemade foods, crafts, antiques and wooden items will be for sale throughout the day, beginning at 9 a.m. About 25 people have been involved in the quilting which was done in various homes since October. Pictured above are Ida Forry, Anna Mae Conley, Susan Kneisly, Frances French, Eleanor Davey and Fran Bushong, hard at work at the quilt to be given by drawing.

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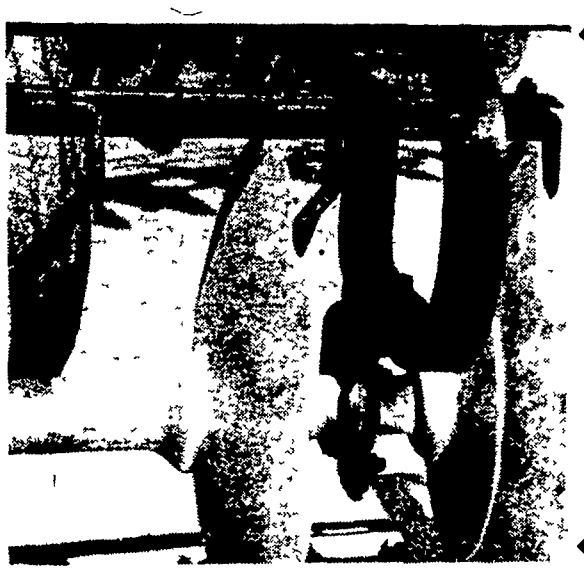

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Road closed for snake crossing in Illinois park

WASHINGTON, D.C. — You've seen road signs that read "Deer Crossing," "Moose Crossing" and the like. But what about "Snake Crossing?"

You probably won't find such a sign on the highways today, said district ranger Joe Newcomb of the U.S. Department of Agriculture's Forest Service, but maybe there ought to be one, for snakes do have at least one official "crossing."

That crossing is on a road in the LaRue Pine Hills Ecological Area of Shawnee National Forest in southern Illinois, where snakes have the legal right-of-way on two occasions each year.

The area is an isolated community of plant and animal species whose uniqueness dates back over 400 million years. It's administered by the Forest Service as one of many areas in the 190 million acres of national forests managed for their special historical, archeological, geological, or as in this case, ecological interests.

Hundreds of plant and animal species, many of which are rare, make their homes in this ecological area. Among them are 35 species of snakes. In the spring, the snakes migrate from their winter homes — dens — to their summer homes in the swamp. In the fall, they go back to their dens. They cross the road each time they make the trip.

Due to the increasing popularity of the LaRue Pine Hills Ecological Area, Forest Service officials became worried about the impact increased visitor use may have on the ecological area as well as on the snakes. In 1972, they decided to do something about it.

"The seasonal migration caused a major problem for our snake population," said district ranger Joe Newcomb.

"Some people would drive or walk along the road and shoot the snakes as they tried to cross. We saw this human activity as being inconsistent with the idea of an ecological area. We decided that the easiest solution was simply to eliminate vehicle use of that stretch of road temporarily while the snakes were migrating," he said.

So a three-mile stretch of road at the base of 350-foot-high bluffs is closed during the last three weeks in April for the spring migration and the last three weeks in October for the fall migration.

"Even this three-week road closing assures the safety of only 80 percent of the snakes," said Newcomb. "The others don't come straggling home until later, but we simply can't close the road that long."

During the peak migration, which occurs between the 15th and the 25th of both months, the snakes move in waves.

"No matter how warm or cool it is, they start migrating in mass the second week in April and the second week in October," Newcomb said

It normally takes about a day for one snake to migrate from den to swamp.

With several thousand snakes participating in the three-week migration, there is a constant stream of 10 to 15 individual snakes migrating at a given time. They are partial to good weather, migrating in greater numbers on nice days.

What causes the snakes to migrate? It's the reptilian instinct for hibernation, said Newcomb.

"They all hibernate in the winter and re-enter the world in the spring," Newcomb said. "They find small caves in the rocky ground to use as dens because the temperature of the ground doesn't change much."

The snakes take refuge from winter by entering an inactive state in the fall and remaining that way in the den until a natural alarm clock awakens them in the spring. Then they embark on a journey from den to swamp.

Although there has been some minor dissent by the public over the temporary road closing, most public comment has been favorable, said Newcomb. Environmental groups praise the action and user groups accept it without much comment, he said.

"The road closing has caused more of a raised eyebrow than hostility on the part of the public," said Newcomb. "People simply aren't used to snakes having priority over humans."

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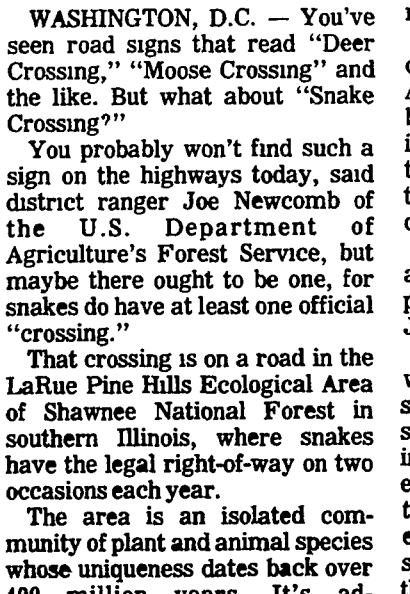

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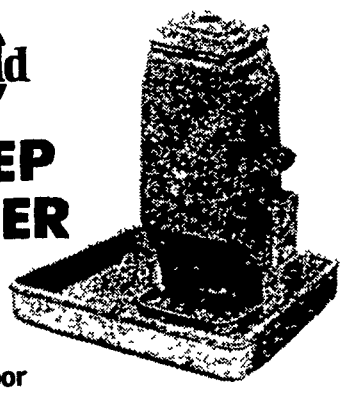

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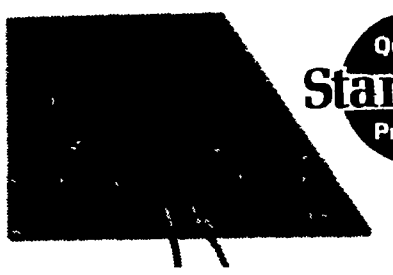

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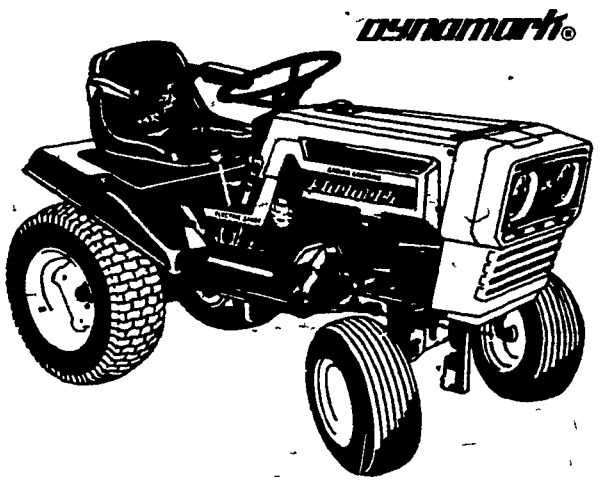

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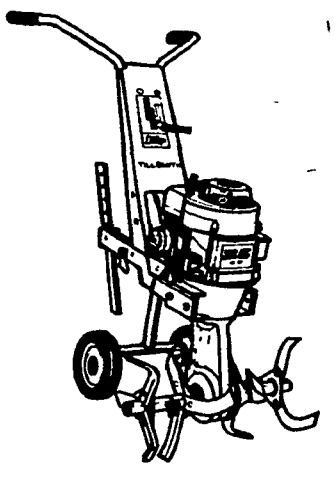

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2x6	2.37	3.10	3.80	4.55	4.93	5.78	6.31	8.59	8.91
2x8	3.25	4.06	5.21	6.11	6.95	8.99	9.21	10.99	13.24
2x10	4.87	6.05	7.21	8.64	9.91	11.38	12.55	14.87	16.03
2x12	6.24	7.81	9.22	11.62	13.00	14.41	17.89	21.03	—

PRESSURE TREATED LUMBER

	8'	10'	12'	14'	16'	18'	20'	22'	24'
2x4	1.84	2.67	3.59	4.53	5.31	—	—	—	—
2x6	2.99	4.31	5.74	5.94	6.68	—	—	—	—
2x8	4.09	5.99	7.49	8.13	9.30	—	—	—	—
2x10	—	—	9.99	—	14.70	—	—	—	—
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4x4	4.51	6.79	7.99	9.09	10.99	—	—	—	—
4x6	—	—	11.31	13.19	15.37	19.58	21.26	27.10	—
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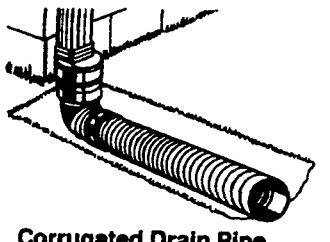

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Greenhouse-residence puts garden in every home

WASHINGTON, D.C. — Imagine a family home where lettuce, cabbage, spinach, swiss chard and cucumbers are grown indoors all year round.

Combining the best of both worlds, this greenhouse-residence designed in 1977 by Science and Education Administration researchers in Clemson, S.C., and built there in 1978, is one practical solution to today's rapidly rising energy and food costs.

Since 1975, the SEA Rural Housing Research Unit at Clemson has explored developing low-cost integrated solar energy systems. The present greenhouse-residence is the third they have designed.

The unique design of the structure combined with its utilization of solar energy conserves fossil fuel, while producing food.

Site location is critical for such a solar home. The collector, which is mounted at a 60 degree angle, requires the greatest amount of exposure to the sun. The south side of the home must be free of tree shading in the winter. Windows can be shaded by roof overhangs on the south in the summer. Trees are desirable on the east and west to prevent overheating of the home in the summer.

Solar energy entering the greenhouse is stored and used to help heat both the greenhouse and the residence. The greenhouse helps insulate the residence. In turn, heat escaping from the residence is used in heating the greenhouse.

The air in the home and the greenhouse is the same. Attached to the home, the greenhouse is an integral part of the system. It operates in conjunction with a 384-square-foot flatplate collector constructed of two layers of aluminum roofing with painted interior surfaces installed as an absorber plate.

In winter, solar-heated air is drawn through the flat-plate collector and then through rock thermal storage before returning to the greenhouse.

Heated air supplied to the house, either from thermal storage or from the auxiliary heating unit, returns through the greenhouse and then back through thermal storage.

In summer, the greenhouse and collector are manually separated from the house air. Dampers and vents are opened and closed to regulate the flow of air. Vents lead from the solar collector to the outside. At night, outside air - 6 degrees Fahrenheit lower than the storage temperature - is used to remove the heat from the 50-cubic-yard rock storage to the outdoors through these vents. During the day, air-conditioning supplements rock storge to cool the house.

The 248-square-foot greenhouse uses a low-iron double-strength tempered glass glazing and is lined on the inside with ultraviolet-ray-resistant film. The floor is gravel. The planting beds, located on the floor, are framed in redwood.

Energy efficient, the home is built of western red cedar siding. Two stories, with 1,472 square feet of living space, it has a living room, dining room, kitchen, 1-½ bathrooms, study, two bedrooms, and a carport.

Windows are double-glazed and wood doors are weather stripped. Doorways have air lock entrance ways. Walls have 6-inch/R19 batt insulation and the ceiling is insulated with 12-inch/R38 fiberglass. The crawl space is insulated with 2-inch thick polystyrene.

The home is all electric with an 84-gallon solar water heater supplemented by a 30-gallon auxiliary electric heater. The system is designed to accept a heat pump or oil or gas forced air heating.

These energy conserving features and the Clemson, S.C., location are responsible for low heating costs. In one January to April period, $164 was spent for auxiliary heating - a cost of only $41 per month.

The greenhouse may be used as a sun room by people who don't want to grow their own food. Since the greenhouse relies on returning house air for heating in the winter, cool-season vegetables are better suited for production.

Because the widespread use of insecticides in a closed environment that is part of a residence is undesirable, plants brought in should be free of insects such as aphids, white flies, and leaf miners.

Homeowners could grow half their annual vegetable needs in the greenhouse. Presently this amounts to approximately $250 worth of vegetables.

A successful design demands a high level of attention to planning and detail. A properly sealed tight-fitted collector and duct work are

(Turn to Page C30)

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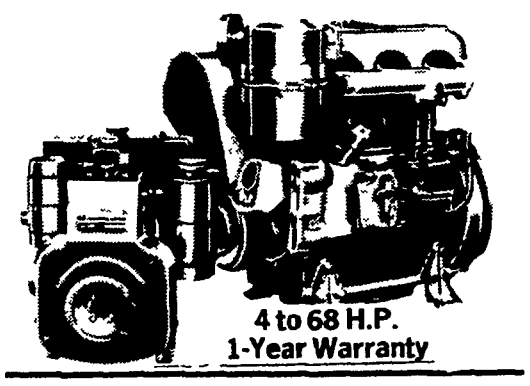

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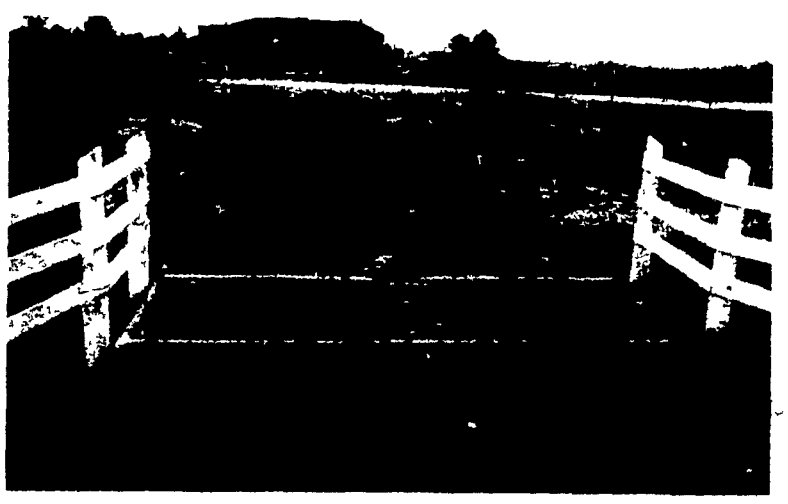

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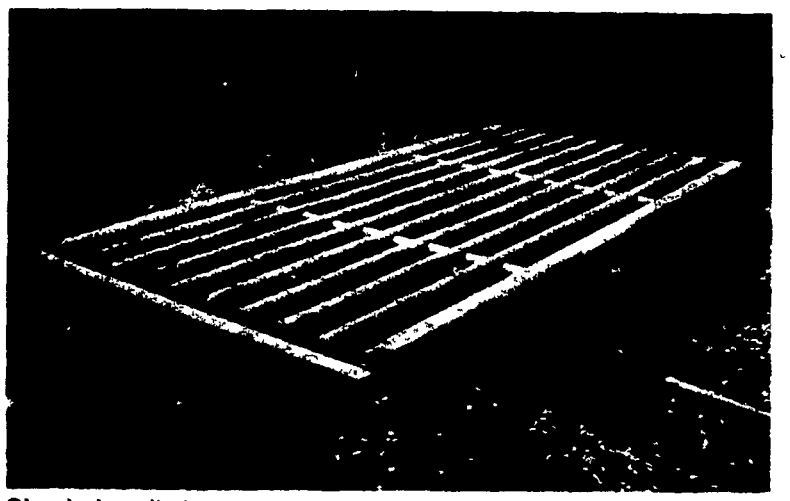

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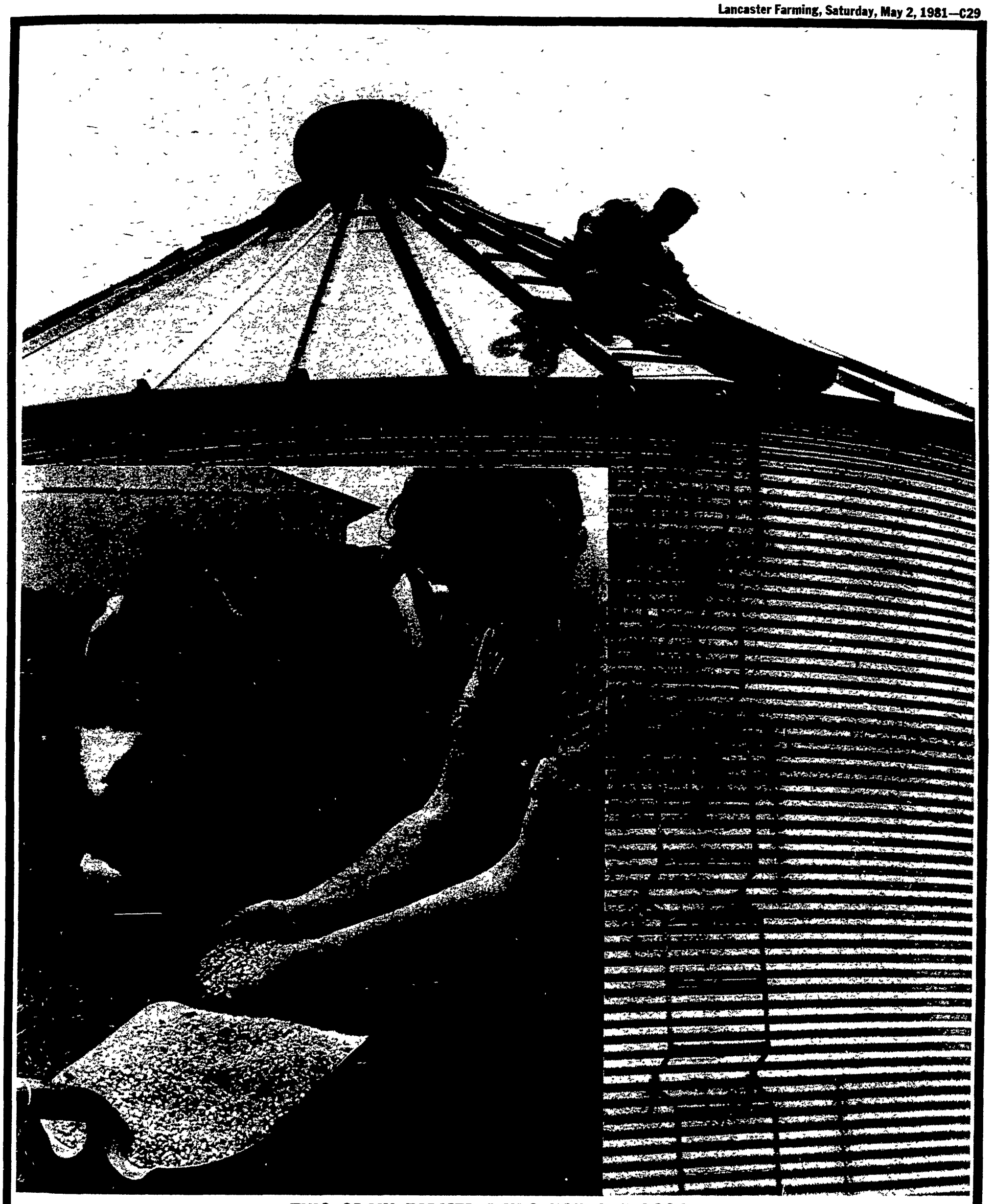

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You lose two ways. When the grain elevator charges 2½ percent per point of moisture to dry shelled corn, you pay 25 percent of your crop in drying costs if you take the moisture content down ten points. In addition, the corn you get back has shrunk in volume and feed value so you need to use more of the heat dried grain to fatten cattle and hogs and produce eggs.

That's why Harold Weaver, RD 2, Newville, Pennsylvania, started to use the on-the-farm natural-dry grain storage system from Advanced Ag Systems. This system uses the drying effect and the wind chill factor of moving air forced up through the newly harvested grain in the bin.

"Before we got the natural-dry, air-cooled storage bin two years ago, we were always selling our shelled corn out of the field at harvest time," Weaver said. "When you thought you took 100 bushels to the elevator, you would find you got paid for only about 60 bushels when the check came in the mail. Now we fill our 7500 bushel bin to the top, turn on the fans and let it dry out naturally. No costly fuel bills. No cracked, dusty, scorched grains. Beautiful yellow kernels fit for any growing pig, fattening steer or laying hen. And our full bin of shelled corn shrank down only three inches last year."

Several neighbors have also tried feeding shelled corn from Weaver's natural-dry grain storage bin with excellent results. John Nolt had problems with a pen of hogs that continuously fought among themselves. They never seemed to be satisfied even though they had enough to eat. When Nolt switched from heat-dried corn from the feed mill to natural-dry corn from Weaver's on-the-farm storage bin, the hogs stopped fighting within three days. "It had to be the corn," Nolt said. "That's the only thing we changed.".

So if you find you also lose 25 percent of your crop when you take shelled corn from the field to the grain elevator, write for more information on how this natural-dry wind-chill factor system works. Send your request to Advanced Ag Systems, RD 2, Box 174, Elverson, PA 19520 Or call (215) 286-9118

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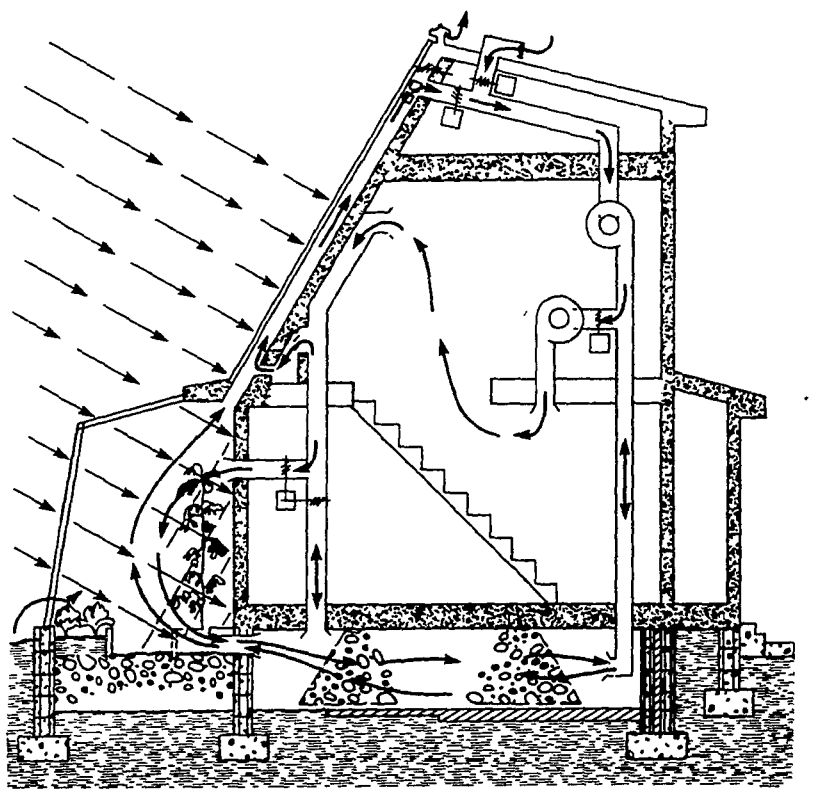
Solar Greenhouse-Residence



Solar-heated air is fanned into the greenhouse and then flows in the crushed rock for storage and reheating. From there, the air circulates through the residence and returns to the greenhouse for recycling.

Homeowners can grow many vegetables in this specially-designed solar greenhouse. Romaine lettuce and swiss chard flourish September through June; cherry tomatoes, cucumbers and cabbage thrive during fall; spinach and kale burst forth in winter, and snow peas take root in spring.

Greenhouse

(Continued from Page C28)

essential. Good quality, low leakage dampers must be installed for proper air control.

Because of greenhouse-residence is an innovation, the SEA researchers are continuing to monitor its performance by a computer and to measure the cost effectiveness of the design. They believe that the operating costs and savings in food and fuel will make such designs as this the typical home of the future.

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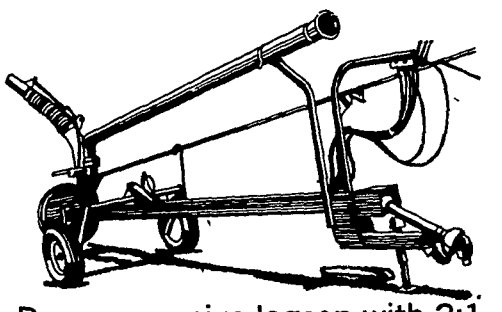

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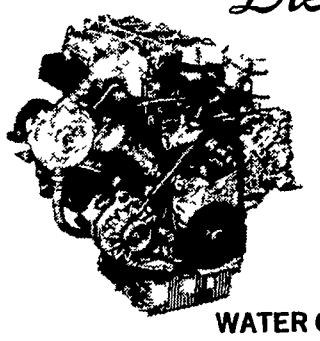

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Rainfall spans globe, aids U.S., European crops

WASHINGTON, D.C. — Rainfall around the globe in mid-April produced varying effects on developing crops and harvest conditions, according to a weekly report issued by the Joint Agricultural Weather Facility of the U.S. Departments of Commerce and Agriculture.

Highlights of the report follow.

✓ United States - mild temperatures and timely rains helped early season crops progress last week across much of the country. Rainfall totals of 1 to more than 3 inches were common over the central and southern Great Plains, central Mississippi River Valley, Great Lakes and Ohio River Valley. Field work in much of the Corn Belt was slowed or temporarily halted by the heavy rain. However, the moisture failed to reach into the northern Great Plains and southeastern states.

✓ China - rainfall slackened south of the Yangtze River, but weekly totals were far above normal and the possibility of flooding and waterlogging in newly planted fields continued. Beneficial rain spread north into the wheat belt.

✓ South Asia - rainfall increased sharply in eastern India and Bangladesh. Some reports of flooding were received; however, time remains to replant and still obtain good yields. Dry weather in northern India and Pakistan favored winter grain harvesting.

✓ Western USSR - above normal precipitation benefited winter wheat in the southern and eastern Ukraine and northwestern parts of the North Caucasus. Growth was slowed substantially by cooler weather following the storm. Some light snow covered fields in the southwestern Ukraine. Temperatures across the northern half of the belt were too cold for winter grain growth.

✓ Europe - beneficial was recorded in Iberia, southern Italy and the Balkan Peninsula. Growing conditions in Portugal and northern Spain remained generally good, although subsoil moisture still is in short supply. The light rains must continue for another month to prevent further yield losses. Moisture conditions are marginal in southern Spain where winter grains should be in the heading stage. Northern Italy is becoming somewhat dry again after two rainless weeks. Winter grain growth in Poland was nearly halted by below normal temperatures.

✓ Northwestern Africa - Northeastern Moroccan winter grain areas received substantial rainfall, helping the final stages of grain filling. Harvesting of meager yields should be underway in the south. In Algeria and Tunisia, above-normal rainfall in most winter grain areas helped late grain filling.

✓ South America - dry weather in Argentina's major crop areas helped the harvest last week. Rainfall in southern Buenos Airs provided beneficial moisture for wheat sowing which normally begins in May. In general, the Brazilian corn and soybean harvests continued unimpeded except the localized, minor delays due to wet fields in Santa Catarina.

✓ Mexico - moderate rains over most of the Southern Plateau corn belt improved soil moisture which will help with germination and early growth. The rain also benefited citrus and sugar cane to the east from Valles to Veracruz. Only light rains dotted the upper northeast, but irrigation water should be ample. Rain in north central cotton areas should help the young crop and reduce irrigation needs.

✓ Australia - soil moisture supplies are somewhat short in many grain-producing areas, especially in northern New South Wales and West Australia. Satellite photos showed some light shower activity over West Australia late last week, but weekly rainfall amounts were minimal. Elsewhere, dry weather prevailed in the wheat areas where land preparation for autumn sowing should have begun.

xxx

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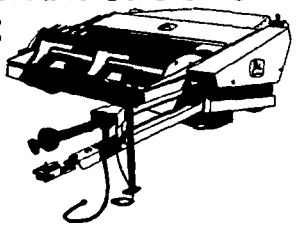

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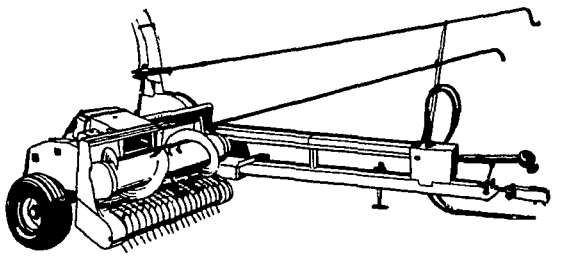

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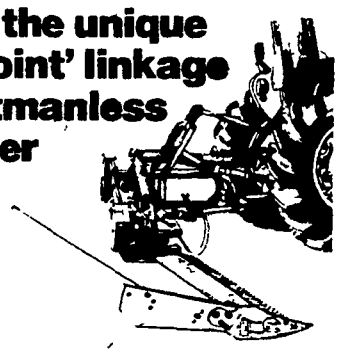

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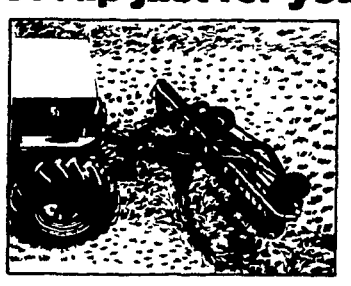

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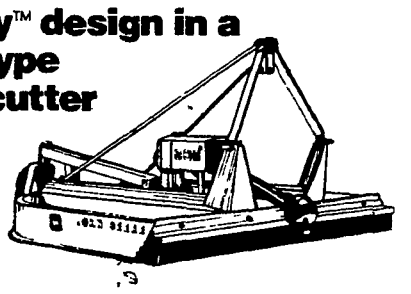

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AGWAY

USDA extends corn loans

WASHINGTON, D.C. — Secretary of Agriculture John R. Block announces he is "helping move agriculture closer to the market-oriented goals of the administration's proposed farm bill" by granting farmers an indefinite extension on repaying their reserve corn loans.

Under Block's action, farmers who previously had until May 15 to repay loans on reserve corn can continue the loans at the same 15.25 percent interest rate.

"Farmers will immediately feel some benefits that go along with the market-oriented objectives that are woven into the administration's farm bill," Block said.

"With this action," he said, "farmers can make their own marketing decisions on farmer-owned reserve corn. They should fare much better under this philosophy than they would under programs that have outlived their usefulness, such as target prices and deficiency payments."

Normally, when the market price for corn reaches a specified "call" level, farmers with grain under government reserve loans are notified that they have 90 days in which to either repay the loan or to turn the grain over to USDA.

Corn reserve loans were called effective January 16, with the repayment date set for April 15. However, Block authorized a 30-day extension, with the stipulation that a 15.25 percent interest be charged effective April 15.

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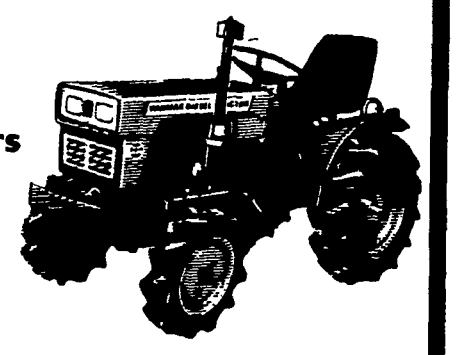

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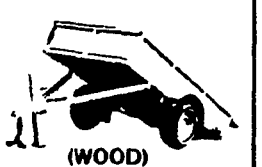
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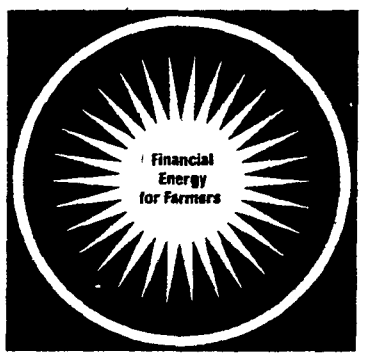

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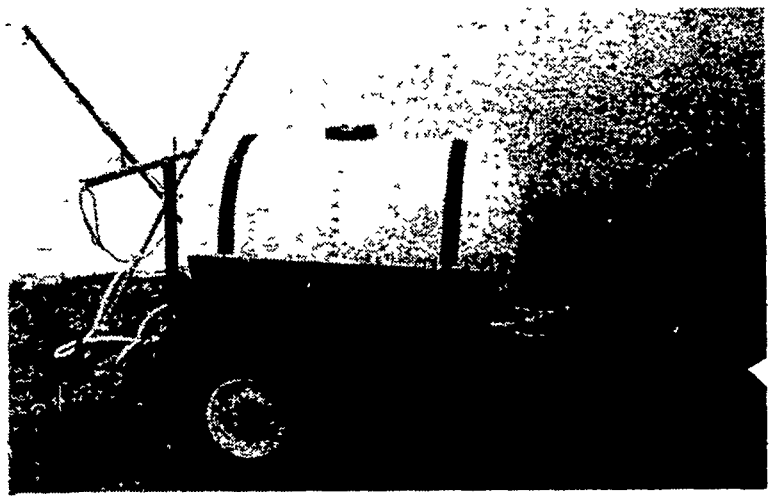

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USDA announces 1982-crop wheat marketing quota over 2 billion bushels

WASHINGTON, D.C. — A 1982 national wheat marketing quota of 2.459 billion bushels was announced recently by Secretary of Agriculture John R. Block.

The announcement is required under permanent legislation which has been suspended through the 1981 crop by the Food and Agriculture Act of 1977. Block said Congress may pass a new law to once again suspend the permanent legislation.

To become effective, marketing quotas must be approved by two-thirds of the producers voting in a referendum held not later than August 1. If approved, quotas would limit the quantity of wheat which a producer could market without penalty. The date for this referendum will be announced later, if necessary.

The U.S. Department of Agriculture is required to announce a national wheat marketing quota whenever it is determined, based on a formula in the Agricultural Adjustment Act of 1938, that—in the absence of quotas—the supply of wheat would be in excess of demand. Block said USDA has made such determination for the 1982 wheat crop.

Block said no further announcement is being made now on other marketing quota aspects of the 1982 wheat program because the expected new legislation would make these announcements unnecessary. If it becomes necessary to make further program announcements concerning marketing quotas for the 1982 crop, they will be made before the referendum is held and will include:

—the national wheat acreage allotment;

—apportionment of the national wheat acreage allotment to the states; and

—designation of commercial wheat-producing areas.

In 1977, a similar situation arose and a 1978 national wheat marketing quota was announced, but the required referendum was postponed by special legislation. The Food and Agriculture Act of 1977, enacted September 29, 1977, suspended marketing quotas through the 1981 crop.

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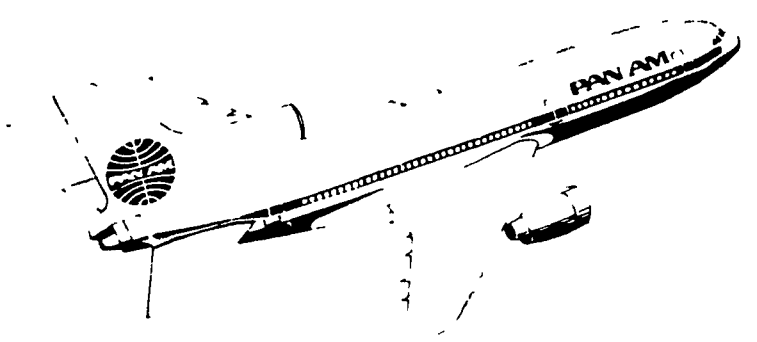

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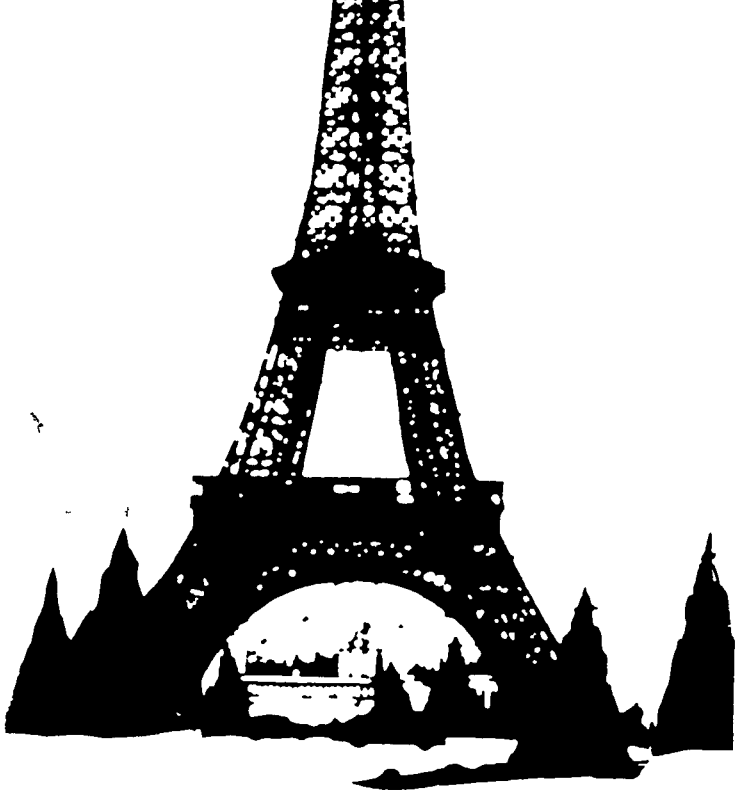

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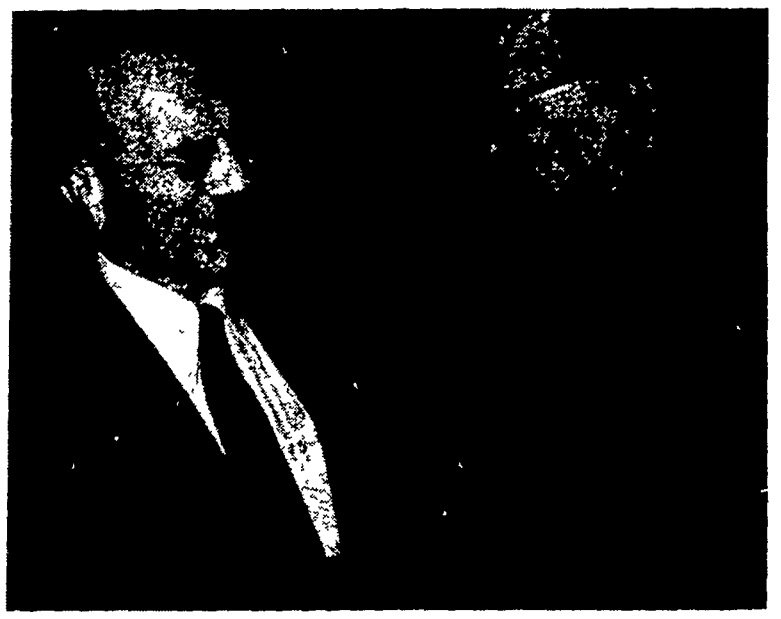
Bradford honors top conservationists at banquet



Featured speaker at the Bradford County Conservation Banquet, Gordon Conklin, editor of the American Agriculturist, talks with retired farmer, Everett Green, of Neath.

BY JANE BRESEE
Staff Correspondent

ULSTER — Nearly 175 farmers and conservationists attended the Fifth Annual Conservation Banquet April 21 at the Ulster Fire Hall in Bradford County, marking it one of the largest farm meetings of this year.

Neal Halstead, chairman of the Bradford County Conservation District committee announced the BCCD Communications Award will go to the Wyalusing Rocket-Courier for outstanding news coverage of Agricultural Stabilization and Conservation Service (ASCS) activities.

Halstead presented Mr. and Mrs. Donald Heller, of Windfall, and George Kiefer, of Windham, with the ASCS Service Award.

The Hellers live on a 362-acre dairy farm where they recently installed a gravity flow manure pit

(Turn to Page C35)

Recipients of the ASCS Service Award recently at the Bradford County Conservation Banquet are Mr. and Mrs. Donald Heller, of Windfall. Also honored was George Kiefer, of Windham, who is not pictured.

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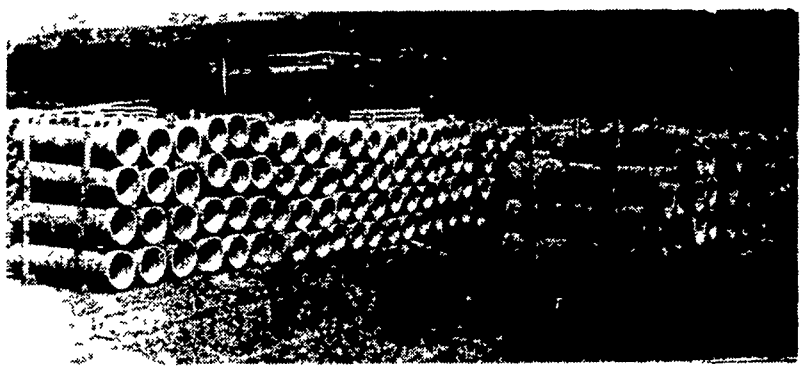

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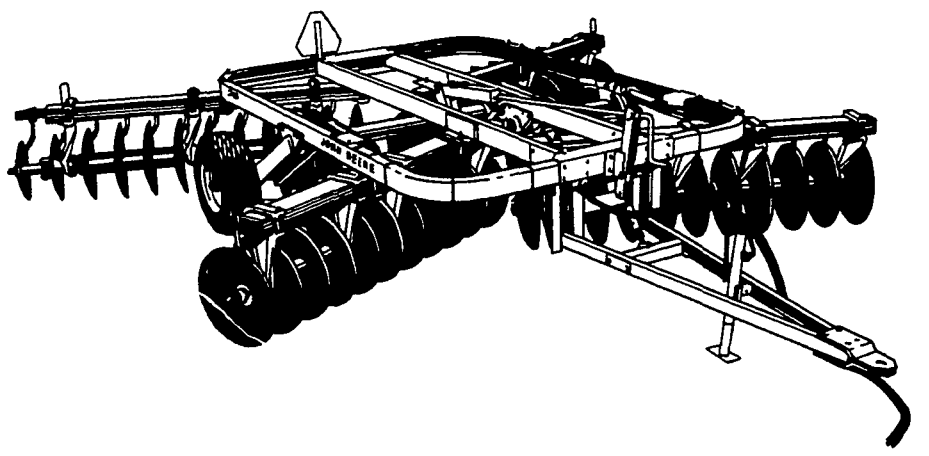

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* Maximum PTO hp at 2600 engine rpm for the 650 and 850 2400 engine rpm for the 750, 950 and 1050 All ratings by official test, except for the 650 and 750, which are factory observed

Bradford honors

(Continued from Page C34)

with technical assistance from the ASCS.

Kiefer lives on a 318-acre dairy farm and has participated in conservation practices for many years and already has an ambitious program for field drainage mapped out for this year.

Eugene Barrett, chairman of the committee, presented Glenn Ford and Daryl Parks with pins for being on the ASC committee for 15 years. Lazell Watkins, newest member on the ASC Committee, was given a certificate for his election to the board for a three-year term.

Lyle Harding, executive director of the ASC, and Susan Shanks, secretary in the ASC office, were both awarded with certificates for 10 years of service.

Michael Lovegreen, executive assistant of the Bradford County Conservation District, acted as master of ceremonies, and introduced the featured speaker, Gordon Conklin, editor of the American Agriculturist, a monthly farm magazine published in Ithaca, N.Y. Conklin entitled his speech, "At the Hinge of History", and discussed the major problems facing the nation's farmers today. Each point was emphasized with appropriate jokes, making the talk most amusig to the audience.

Energy and inflation were two of the major problems discussed by Conklin who predicted that, as in the past, technology will triumph and solutions will be found.

Mentioning concerns specific to conservation — loss of farmland and soil compaction — Conklin declared that a great deal is being done to preserve farmland. Plans such as development rights are receiving a high level of acceptance by non-farm people who are concerned about their food resource. Soil compaction, caused by bigger and more powerful equipment, can be handled by minimum tillage and longer rotations, he said.

Always in an optimistic tone, Conklin predicted that the federal cut in the ASCS budget will not be as much as proposed, although the most exotic programs may be phased out, because President Reagan and Agriculture Secretary John Block were both directors in the ASCS at one time.

Conklin concluded his talk by saying that "we live in a land blessed as no other - we produce food in abundance. The greatest strength of the United States is its capacity to produce food in great abundance. Farmers shape the course of human history more than we think".

The entertainment was planned by Susan Shanks. Several talented farm people sang duets and solos to illustrate the life of a farmer. To accompany the music, Susan and her husband, Dave, flashed pictures of familiar places and people on the screen.

The meeting was adjourned after the presentation of nearly 100 door prizes donated by local merchants.

Delano kicks off Farm Bureau's farm, city festival

WASHINGTON, D.C. — Robert B. Delano, president of the American Farm Bureau Federation, presented a short course in basic agricultural economics to urban-oriented consumers as Farm Bureau kicked off the third annual observance of Farm/City Festival.

Delano told Washington area consumers the nationwide Farm/City Festival is an effort initiated by the women's committee of Farm Bureau to improve communications and provide interaction between farm and nonfarm people.

"Low farm prices are not necessarily the consumer's best friend," Delano said, warning that most expected food cost increases will not be farmer-caused but will reflect double-digit inflation and increased marketing costs.

He said farmers' production costs have outstripped cash receipts for several years and pointed out about 68 cents of every dollar spent for food goes to those who process, package, haul and deliver food to consumers

Delano called for a farm program with less government intervention and a market-oriented agriculture with full access to domestic and foreign markets; active support for the economic recovery program package now before Congress; and an economic climate in which farmers will be able to earn a profit.

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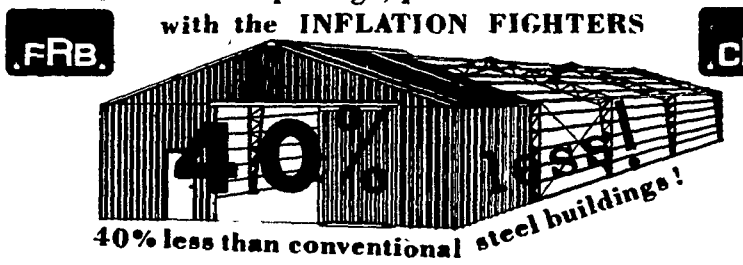

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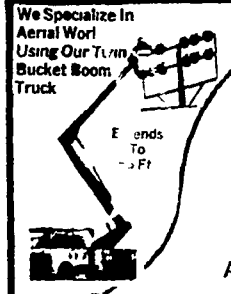

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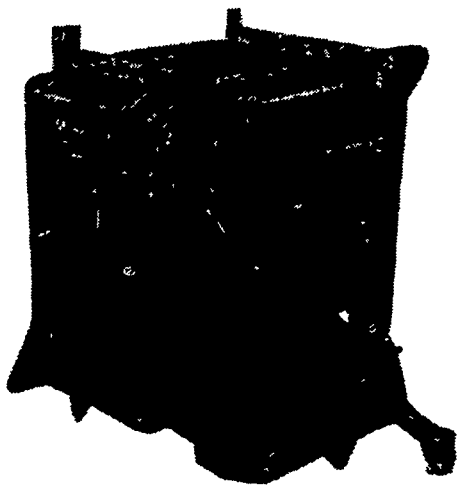

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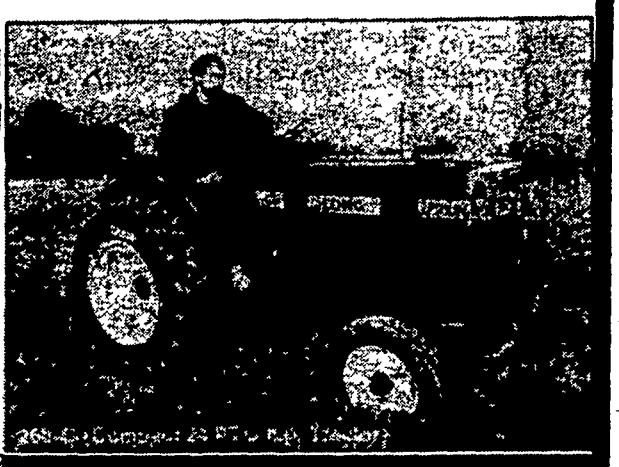

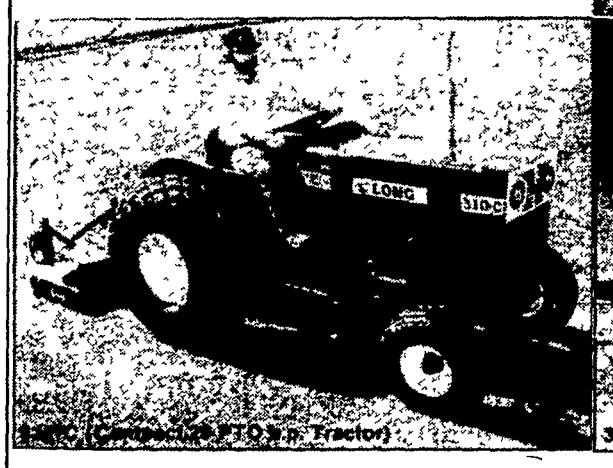

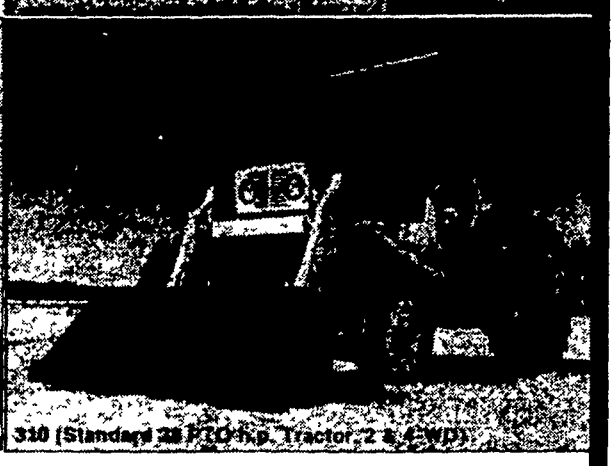

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Short water supply predicted for West

WASHINGTON, D.C. — One of the lightest snowpacks ever recorded on the West's mountain watersheds probably will result in a short supply of water in some states of the region this summer.

That was the gist of a forecast issued jointly by the U.S. Department of Agriculture and the National Oceanic and Atmospheric Administration of the U.S. Department of Commerce.

"Many water users in the West will face critical supply problems unless there is a lot of rain throughout the summer," said Norman A. Berg, chief of USDA's Soil Conservation Service.

Surveys carried out the first of April, when snowpack in the West normally reaches its maximum depth, revealed little change from conditions prevailing the first of March, said Berg.

Berg said the forecast is brighter for users in areas served by reservoirs.

"Water storage is normal or above normal in several states and is adequate to avert major problems for those who have access to it," he said.

The outlook by state is:

Alaska: Runoff is below normal in streams in the interior and near normal in south-central Alaska.

Arizona: There is hardly any snowpack left. Runoff will be well below normal. Reservoir storage is adequate to supplement runoff.

California: Runoff is below normal, according to the State Department of Water Resources. Reservoir storage is above normal and is adequate for most needs.

Colorado: Snowpack is about 60 percent of normal, due to heavy March snow. Runoff still is expected to be very low.

Idaho: The snowpack is at a near record low in the south and very low elsewhere. Runoff will be 70 percent of normal or lower in most of Idaho.

Montana: Snowpack is at a record low especially in the western part of the state. Reservoir storage is good. Water supplies will be variable.

Nevada: Runoff will be about 50 percent of normal from the Sierra range and about 49 percent of average in the Humboldt river.

New Mexico: March snows increased snowpack on the Rio Grande watershed. Runoff still will be well below normal.

Oregon: Snowpack in the Cascades is the lowest on record. Snowpack in the easter part of the state is about 50 percent of normal, and runoff will be well below normal.

Utah: A series of March storms slightly improved the snowpack. Runoff will be well below normal.

Washington: Snowpack improved in the northern section and remained poor in the southern section. Reservoir storage is adequate to supplement poor runoff.

Wyoming: Snowpack statewide is about one-half of normal and the lowest on record. Runoff will be much below normal. Reservoir storage is above normal.

The final snow survey of the current season will be made this week.

He said the Soil Conservation Service surveys the snowpack in the West from the first of January. The agency and the weather service jointly analyze the data and compute forecasts of runoff for the summer snowmelt season.

The forecasts are based on the assumption that weather for the remainder of the season will be near normal.

Plans for tailgate market rolling in York Co.

AIRVILLE — A grassroots movement to start a Farmer's Tailgate Market is being considered in southern York County.

Up to 30 farm trucks, marketing anything produced at their farms, could be accommodated at Dairyland Square, located between Dallastown and Red Lion.

Items that might be sold could range from fresh produce, to freshly-processed fruit juices, home-baked goods or a variety of roadside market-type food items. Extension personnel are looking into applicable health regulations.

A brainstorming meeting for interested growers is scheduled for 7:30 p.m, Wednesday evening, May 6, at the Lower Chanceford Township Building, south of the Lower Chanceford School, on Route 74.

Organizers hope that, if there is enough interest in a tailgate market, an organizational structure, with by-laws for operation, can be structured within the next few weeks and be ready to begin sales operations by the summer produce harvest season.

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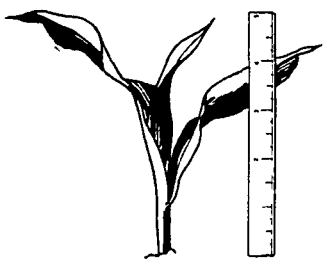

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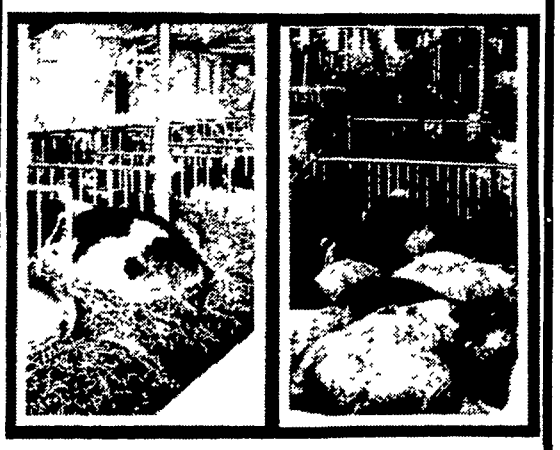

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Early corn planting is key to bigger yields

LANCASTER — Corn farmers are urged to plant early and shallow. It's one of the easiest ways to be certain of increasing corn profits without adding to production costs.

There are several reasons why early planting means bigger yields, but the main reason centers around the crop developing and growing under conditions that are more favorable to higher yields. Plants respond more efficiently to water, nutrients and energy, producing more grain with essentially the same inputs. What's more, grain from early planted corn tends to be higher in test weight.

Optimum planting date for corn naturally varies with the season and location - from mid-March in southern areas to early May in some northern or high altitude areas.

Growers only need to plant 1 to 1½ inches deep if they plant early. The new precision depth planters that are now available make it easy to control planting depth.

A recent depth of planting demonstration at Greenville, Ohio, demonstrated the importance of shallow planting. Corn planted 1 inch deep yielded 150.6 bushels, 2 inches - 135.9 bushels and 3 inches - 131.7 bushels.

Corn is reasonably well-protected from freeze damage until the plants are about 12 inches tall. The growing point is at or below the ground until then and is protect from freezing by surrounding soil unless an unusually long, hard freeze occurs.

Leaves may be frozen back but as long as the growing point survives, plants will resume growth and put out new leaves in a short time.

While one cannot promise you'll never lose a stand because of a spring freeze, it won't happen often. The alternative of delaying planting until there's no chance of a freeze is far too costly.

Stand establishment may be more difficult with early planting but chemical treatment of seed and soil, plus high quality seed, largely overcome this.

To allow for some seed loss, scientists suggest planting up to 2,000 more seeds per acre when planting early. This allows a little lee-way for slower less complete germination and emergence. Plus, early planted corn suffers less population stress so more plants can contribute to additional yields.

Another potential problem: early growth may tend to be slow with early planting. High fertility and proper fertilizer placements helps counteract this.

Weed control becomes very important when corn is planted early. Pre-emergence herbicides are particularly valuable allies.

A summary of these benefits of early planting:

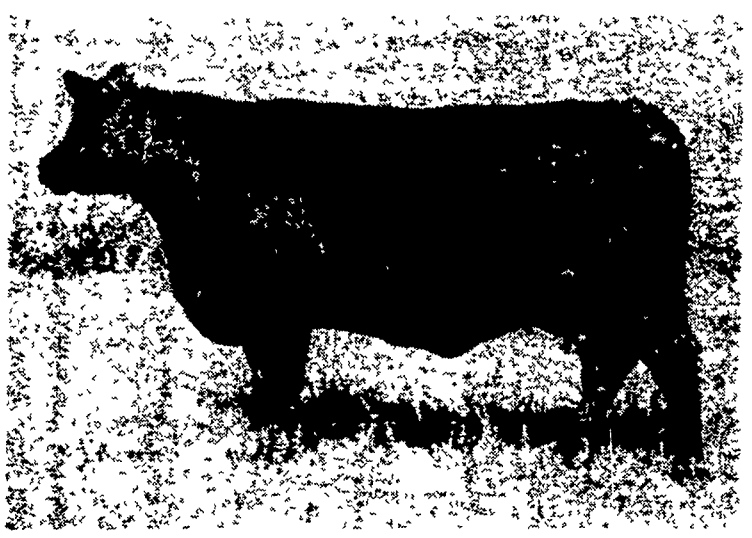
- spreads spring workload.
- allows for early harvest in better weather with reduced field loss and more time for fall tillage.
- helps produce shorter, sturdier stalks.
- results in higher grain to stover ratio - better quality silage.
- harvest of higher test weight grain.
- results in greater efficiency in nutrient-utilization.
- allows silking and tasseling to occur before most heat and drought stress periods.

Canadian Angus champs join Strivers ET program

PITTSTOWN, N.J. — Stivers Angus of Pittstown, NJ and Happyvale Angus of Stettler, Alberta, Canada, announce a joint venture agreement to produce outstanding calves through embryo transplant.

Three Happyvale cows will be sent to the USA to reside at Stivers Angus. There they will be placed in the Stivers Angus embryo transplant program.

The three cows involved are: the 1900-pound Happyvale Eileen Bar 81D, Grand Champion Female at the 1973 World Angus Forum and Grand Champion Female at the 1973 International Livestock Exposition; Happyvale Bar Madge 13B, Grand Champion Female at the 1975 Calgary Stampede; and Blackcap's Queen of Happyvale (67D), a full sister to the dam of Wetonka 2446 and the dam of Happyvale Blackcap King 067J.



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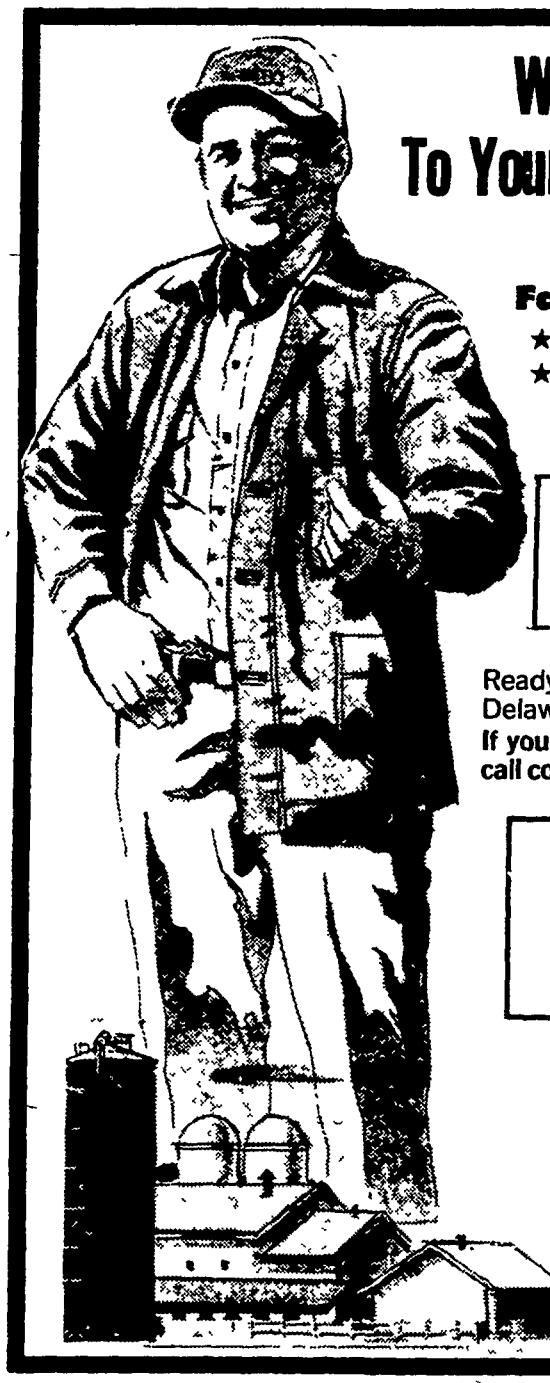

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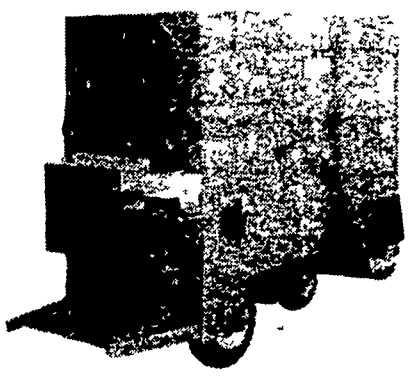

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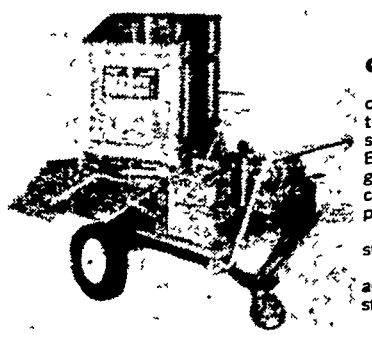

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The gas powered bedding chopper is the most popular on the market It's operation is simple and it handles easily Equipped with a Honda 4 stroke gas engine the Wic bedding chopper insures maximum out put while in use
Motor 5 7, or 10 h p 4 stroke Honda
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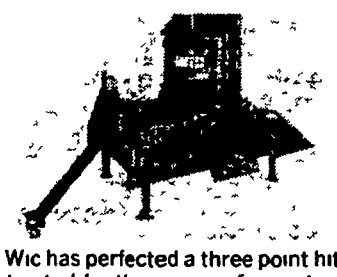

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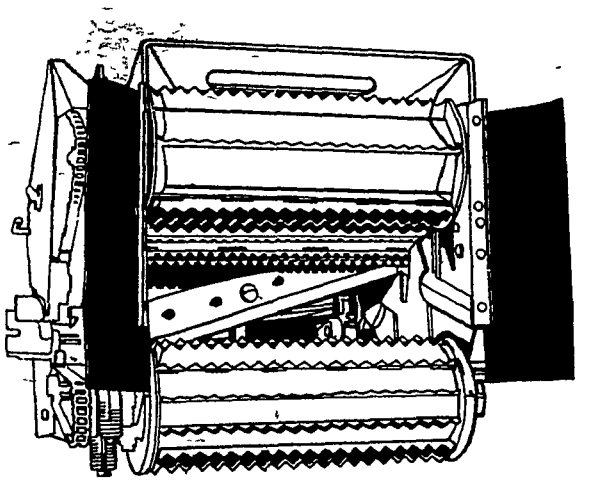
BOLD NEW BREED OF FORAGE HARVESTERS



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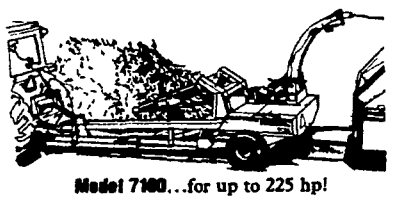

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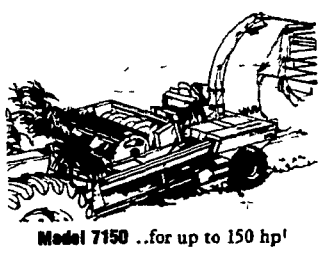

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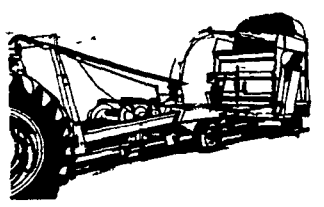

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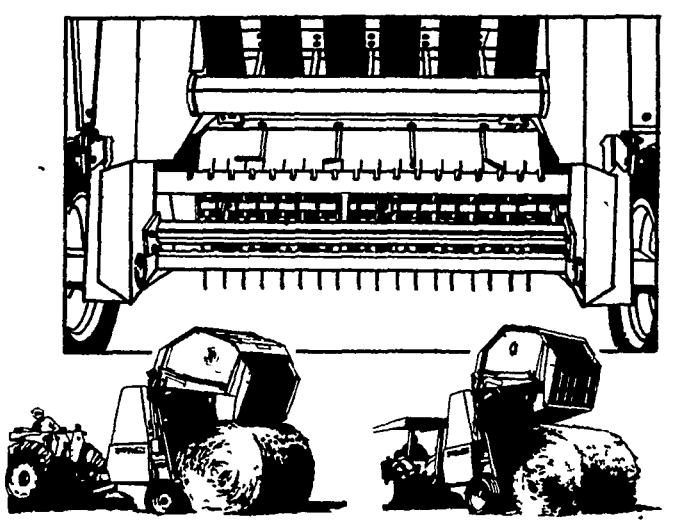

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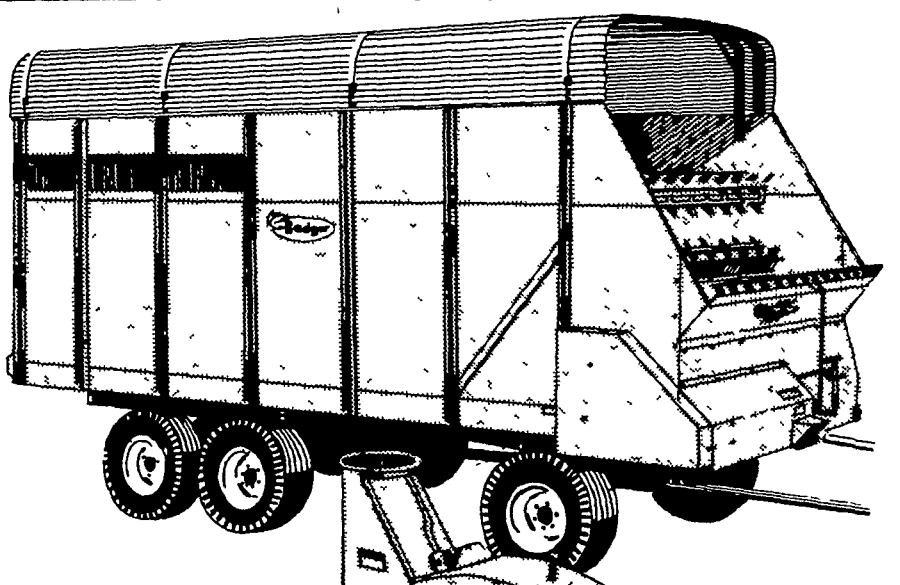

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The Badger Blower can operate at 540 650 r p m s It will take anything you give it forage or grain (with little or no cracking) It ll blow the highest tonnage with the lowest h p And the special Badger magnet catches foreign material before it catches you

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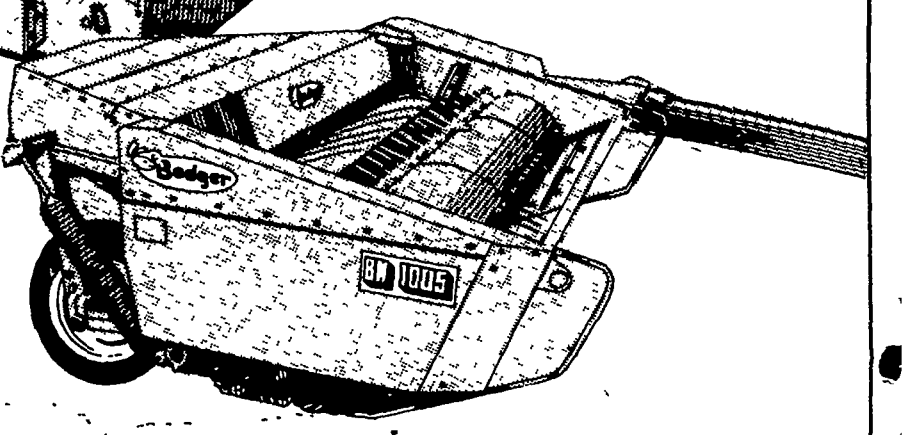

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See your Badger Dealer now for all of your forage handling needs.

Badger

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Cochranville, PA 19330
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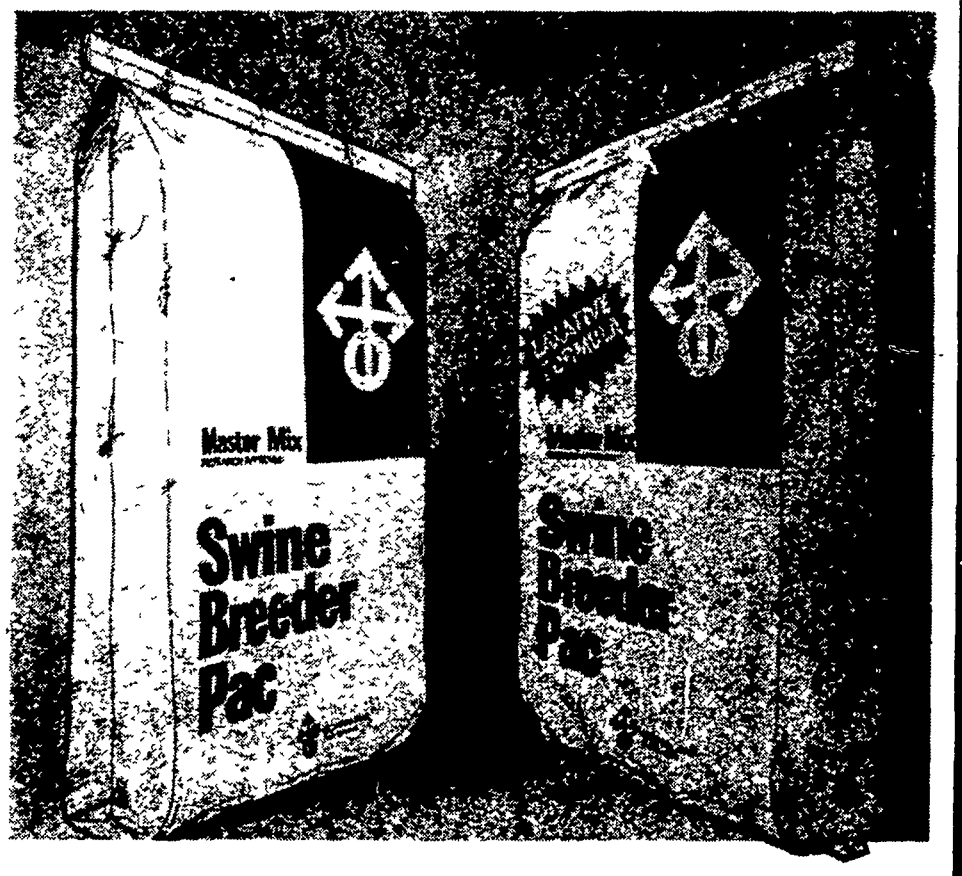

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Berks County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

March 1981

The following is the Berks County DHIA report for the month of March, 1981 Only those herds averaging 1 5 pounds per day or over are listed

OWNER	BREED	NO COWS	% DAYS IN MILK	LBS MILK	% FAT	LBS FAT
C & T Kissling	3	65 3	92 6	69 2	4 0	2 76
Heindel Farms Inc	3	29 0	91 0	62 2	4 0	2 46
Junge Farms	3	38 5	93 5	51 5	4 6	2 37
Kenneth H Wenger	00	43 0	117 9			
Junge Farms	3	40 6	89 0	49 9	4 6	2 29
Charles Plushanski	3	101 1	90 5	58 0	3 9	2 27
Glen High	B3	59 6	95 0	57 4	4 0	2 27
William Mitchell	B3	28 3	96 0	56 8	3 9	2 23
Mark A Wolfskill	3	81 6	90 0	59 2	3 7	2 19
Larry E Phillips	B3	33 2	89 3	58 6	3 7	2 15
Reu Hel Farms Inc	3	29 0	81 5	58 0	3 6	2 11
Stephen J Janos	3	34 4	88 4	58 5	3 6	2 09
Daview Farm	3	53 2	94 6	54 5	3 8	2 08
Robert Sattazahn	B3	99 6	95 8	52 9	3 9	2 05
Glenn R Harnish	B3	64 0	90 7	53 1	3 8	2 04
Bendy Brook Farm	3	45 3	86 2	54 4	3 7	2 03
Leonard Stoltzfus	3	97 5	89 7	54 5	3 7	2 02
Andrew Stoltzfus	3	142 4	90 2	52 2	3 9	2 02
Mervin Brubaker	B3	71 6	85 1	54 2	3 7	2 02
Harvey Krill Jr	B3	40 5	84 6	52 3	3 8	2 01
Geo Troutman Jr	B3	68 8	89 3	59 2	3 4	2 01
William C Adams	3	87 0	93 6	48 0	4 2	2 00
Norman Z Nolt	3	37 2	88 3	54 9	3 6	1 99
Alton Rohrbach	B3	41 0	90 5	50 4	3 9	1 99
Robert T Bowman	B3	43 7	90 8	51 8	3 8	1 98
Swatara Dairy Farm	3	87 4	81 2	45 5	4 3	1 97
Wilson Balthaser	B3	66 3	90 1	52 5	3 8	1 97
J & P Berry	B3	48 0	100 6	55 0	3 6	1 97
Leroy E Howard	B3	138 5	89 0	48 9	4 0	1 96
Daview Farm	3	53 0	95 6	52 4	3 7	1 96
Irvin M Martin	B3	41 9	96 4	51 4	3 8	1 95
Larry L Mertz	B3	93 9	95 7	50 8	3 8	1 94
H & G Schuler	3	59 2	87 0	50 7	3 8	1 94
Irvin M Martin	B3	43 8	94 2	50 8	3 8	1 94
Lewis Nolt	B3	59 4	91 4	51 8	3 7	1 94
Troutman & Sons	B3	97 8	93 8	49 5	3 9	1 93
Clarence B Kulp	3	72 4	87 6	51 1	3 8	1 93
Retland Farm	3	48 9	85 0	47 8	4 0	1 93
K & R Wolfskill	B3	40 0	86 6	53 8	3 6	1 93
Donald B Duncan	B3	86 8	84 2	46 7	4 1	1 92
Daniel J Harnish	B3	93 8	90 3	46 2	4 1	1 91
Joseph F Walters	G3	61 1	91 0	45 7	4 2	1 91
Charles D Moyer	B3	124 0	84 5	46 6	4.1	1 90
Richard Bleiler	B3	57 3	88 2	57 4	3 3	1 90
C & F Stricker	B3	54 5	90 7	50 0	3 8	1 89
Russell H Haas	G3	52 2	92 2	48 6	3 9	1 88
Steven E Wagner	B3	24 8	95 9	51 3	3 7	1 88
Scattered Acres	B3	141 8	88 7	48 8	3 8	1 87
George E Moyer	3	98 6	88 8	45 1	4 1	1 86
H Fenstermaker	3	35 0	96 0	43 9	4 2	1 86
Hylark Farm	3	76 3	86 5	45 2	4 1	1 85
Ontelynn Acres	B3	94 5	89 3	43 4	4 2	1 82
Yost Brothers	B3	110 9	89 2	48 1	3 8	1 82
B & K Grimes	B3	51 5	74 6	42 2	4 3	1 81
Robert Yanos	B3	58 5	92 9	45 7	3 9	1 80
F M Browns Sons	B3	95 4	92 8	52 5	3 4	1 80
R & K Sanner	B3	75 2	82 7	45 7	3 9	1 79
Pinnacle Vw Dairy	B3	49 0	89 7	48 0	3 7	1 79
Robert E Kopfer	B3	41 6	80 1	45 5	3 9	1 79
Arlan Krick	B3	70 0	88 7	46 3	3 9	1 79
W Dreibelbis Jr	B3	44 1	85 1	54 6	3 3	1 79
Wilmer R Martin	3	40 0	82 0	43 3	4 1	1 79
Good Bros	B3	57 9	78 1	41 5	4 3	1 77
Eleanor Siegfried	3	72 0	94 2	44 1	4 0	1 76
Vista Grande Farm	3	83 0	94 2	52 1	3 4	1 76
R & K Sanner	B3	74 5	80 2	45 6	3 9	1 76
Ernest O Miller	B3	196 0	86 9	45 3	3 9	1 76
Richard W Hoppes	3	57 4	90 7	46 1	3 8	1 76
Heindel Farms Inc	1	29 0	81 8	40 6	4 3	1 76
Jaimore Farm	B3	62 0	85 8	45 9	3 8	1 76
William Howerter	3	93 8	87 1	44 2	4 0	1 75
E D Leatherman	B3	67 0	87 2	45 4	3 9	1 75
Donald Burkholder	G3	87 2	90 5	45 5	3 8	1 75
John Newswanger	G3	46 3	90 8	47 5	3 7	1 75
Vernon G Good	B3	36 8	87 8	48 6	3 6	1 74
Zahncroft Farm	3	49 0	85 6	48 3	3 6	1 73
John C Bartsch	B3	54 0	86 1	45 3	3 8	1 73
Lynnacres	3	104 4	91 1	45 9	3 7	1 72
Win-Dale Farm	4	41 3	84 8	29 7	5 8	1 72
K & D Dietrich	B3	36 5	87 7	46 1	3 7	1 71
James H Adam	B3	143 7	90 0	41 6	4 1	1 70
Ker Min Farms	3	73 0	85 5	41 2	4 1	1 70
R B Burkholder	B3	42 4	84 7	44 6	3 8	1 70
Harvy M Weaver	B3	44 1	82 1	41 6	4 1	1 70
J Merle Stutzman	B3	49 0	85 7	45 5	3 7	1 69
Arthur Schlappich	B3	48 2	87 6	43 4	3 9	1 69
Merlin J Grube	B3	32 5	84 7	40 4	4 2	1 69
Linden Loch Hols	3	55 1	85 5	44 5	3 8	1 68
Ray W Seidel	B3	32 0	82 4	43 6	3 9	1 68
Way Har Farms	B3	108 7	86 1	44 5	3 8	1 68
David L Phillips	4	44 0	92 5	34 7	4 8	1 68
Roger S Buch	3	47 3	82 3	45 2	3 7	1 66
Louis E Moyer	3	55 3	84 3	42 9	3 9	1 66
John F Snyder	B3	51 5	86 4	45 7	3 6	1 66
C C Sattazann	B3	99 6	89 3	46 1	3 6	1 66
Ro Ria Farms	B3	253 8	92 8	40 8	4 0	1 65
Pine Brook Farm	3	93 5	79 7	38 6	4 3	1 65
Ray E Bicksler	3	48 9	85 4	42 9	3 8	1 65
Martin Moyer	B3	53 0	84 5	42 8	3 8	1 65
Ralph W Haag	G3	38 7	88 4	45 4	3 6	1 64
Floyd Kurtz	B3	42 6	95 3	47 1	3 5	1 64
P & T Werley Jr	B3	118 0	82 1	43 8	3 7	1 64
Bruce D Cammauf	B3	23 8	73 1	42 1	3 9	1 64
Irvin G Weaver	G3	46 9	85 0	42 5	3 9	1 64
R & C Wieder	B3	38 9	79 5	45 1	3 6	1 63
Barry Burkholder	B3	49 4	79 5	43 8	3 7	1 63
Teen Chal Farm	B3	86 2	93 5	40 8	4.0	1 63
Robert C Dreisbach		4	81 9	32 7	5 0	1 62
Keith E. Hertzog	B3	41 4	91 2	44 5	3 6	1 62
Wilmer Dreibelbis	B3	48 9	83 6	44 6	3 6	1 61
Kenneth Stutzman	B3	42 1	83 9	38 5	4 2	1 61
Donald M Meyers	3	63 2	87 3	42 6	3 8	1 61
Raymond B Nolt	B3	75 0	82 3	41 4	3 9	1 61
Molasses Hill Fm	B3	68 0	85 4	42 7	3 8	1 61
Charles Zimmerman	3	88 6	81 7	41 5	3 9	1 60
Leon Sensenig	G3	61 5	92 6	46 0	3 5	1 60
Frank G Gromlich	3	68 2	83 9	42 1	3 8	1 59
Donald Stoffiet	B3	48 3	83 7	46 6	3 4	1 59
Harold L Miller	B8	66 4	88 4	50 9	3 1	1 59
Luke Snyder	B3	45 0	86 6	43 0	3 7	1 59
John R Lash	B3	68 0	87 6	41 6	3 8	1 58
Arlan D Davis	B3	30 6	83 7	41 8	3 8	1 58
Mat Mar Farm Inc	B3	85 8	84 9	43 7	3 6	1 57
D & D Martin	1	36 1	81 4	36 5	4 3	1 57
Meadow Springs Fm	G3	34 5	80 3	39 3	4 0	1 57
Mervin Stauffer	B3	37 3	84 3	41 3	3 8	1 56
Y Creek Haven Fm	B3	58 5	79 2	39 1	4 0	1 56
Roy Hoppes	B3	33 4	78 2	38 5	4 0	1 55
Robert Dreisbach	4	65 4	80 1	32 8	4 7	1 57
David P Herbert	3	56 1	82 8	41 7	3 7	1 53
Charles W Wagner	B3	43 0	79 3	40 7	3 7	1 52
Blue Mtn Academy	G3	127 4	78 7	39 8	3 8	1 52
John Bray	B3	44 5	96 5	38 1	4 0	1 51
Carl H Rabenold	B3	63 5	85 0	40 9	3 8	1 51
Poplardrive Hol	B3	55 4	78 0	37 2	4 1	1 51
Herb Top Farms	B8	24 0	92 1	39 8	3 8	1 50
Marlin Stutzman	B3	54 0	89 9	37 6	4 0	1 50

The following cows produced over 650 pounds of fat or more in 305 days or less

OWNER NAME OR NO	BREED	AGE	DAYS IN MILK	LBS MILK	LBS FAT
Eleanor K Siegfried					
Grace	H	4 1-	305	15,920	750
Leroy E Howard					
Myrtle	H	9 4	305	20,802	893
Ida	H	6 9	305	19,156	798
Myrna	H	4 5	305	19,664	684
Ro Ria Farms					
#112	H	7 4	305	20,322	710
#195	H	5 3	305	17,831	684
#223	H	4 10	305	16,890	748
#342	H	3 3	305	16,360	675
Daniel J Harnish					
Suzette	H	7-6	305	23,842	913
Celia	H	6-8	305	20,444	731
Roger S Buch					
Marry	H	5-8	305	19,468	670
Mark A Wolfskill					
Pearl	H	7-8	292	20,892	776
Linden Loch Holstein					
#117	H	7 9	305	18,398	737
#173	H	2 1	305	18,807	795
Pine Brook Farm					
#73	H	8 5	305	18,440	792
#102	H	3 6	305	17,993	695
Wilmer Dreibelbis					
Phoebe	H	12-4	305	18,007	728
Donald B Duncan					
#86	H	4 5	305	22,214	675
#92	H	2-11	305	22,884	747
Chas & Tim Kissling					
Babs	H	8 6	224	16,851	678
James H Adam					
118Alic	H	5-4	305	16,653	704
Ralph & Ken Sanner					
Pat	H	10 7	305	19,893	749
Dora	H	8 9	305	21,812	766
Dimples	H	4-8	305	21,195	736
Mervin M Stauffer					
#41	H	7 3	305	19,171	668
#19	H	4 6	305	18,263	660
Ray W Seidel					
Verna	H	6 4	299	17,245	691
Ernest C Hoffman					
Barbie	H	7 10	305	17,748	718
Ker Min Farms					
Lynn	H	3 0	305	16,286	724
William G Howerter					
Mandy	H	6 2	285	17,061	674
Sherry	H	3-4	305	20,598	794
Charles Plushanski					
Pam	H	6 8	305	19,288	794
Trixie	H	4 3	305	22,779	667
Harmony	H	3 7	305	20,911	987
Heidi	H	3-7	305	22,248	808
Butterb	H	3 7	299	16,036	734
Queen	H	3 2	305	17,419	686
Fancy	H	2-4	305	21,930	1030
Charles D Moyer					
Peppr77	H	5 7	256	15,944	697
Gigili3	H	3-1	305	19,454	665
Kenneth L Stutzman					
Dana	H	6 4	305	18,653	715
F M Browns Sons Inc					
#10	H	1 9	305	17,549	709
#88	H	2 1	305	17,684	675
#62	H	1 10	305	15,763	667
Donald M Meyers					
Faith	H	5 9	305	14,941	655
Stephen J Janos					
Fran	H	4-1	305	24,960	799
Andrew D Stoltzfus					
Irene	H	6 1	305	18,276	680
Cassie	H	6 9	305	21,043	731
Clara	H	2 5	305	16,128	745
Denise	H	2 4	305	20,382	869
Lass	H	2 6	305	16,100	712
William C Adams					
Grace	H	4 6	305	21,624	854
Shine	H	2 1	305	18,261	683
R R Troutman & Sons					
Patty	H	3 4	305	17,633	666
Berg	H	2 1	305	17 303	710
Larry L Mertz					
#6	H	5 6	305	17 887	685
#97	H	4 5	305	19 588	837
#100	H	4 6	305	20 901	940
#67	H	3 11	305	18 486	747
Mervin Brubaker					
Blaky 30	H	7 3	305	20 929	942
Fanny 62	H	6 2	305	20 497	702
Lorie 44	H	5 7	305	19 268	820
Ray E Bicksler					
Ruby	H	6 7	305	19,508	941
Frank G Gromlich					
Gale 2	H	5-1	305	19 298	720
Robert C Dreisbach					
#85	H	7	305	16 625	685
#131	H	5-8	305	16,414	666
#139	H	5-3	305	15,589	673
#161	H	4-7	305	12,222	714
#173	H	4-3	305	11,380	699
#197	H	5-11	305	15,305	679
#237	H	2-0	305	10,802	693
Mat Mar Farms Inc					
#58	H	7 1	305	16,083	709
Hylark Farm					
#50	H	8 4	303	15,206	681
Ernest O Miller					
#413	H	5 2	305	18,298	650
Harold & Geo Schuler					
Nancy	H	10-4	305	20,836	843
Jennfer	H	4 8	305	20,915	844
Lynnacres					
Tricia	H	6 8	305	18,372	680
Ontelynn Acres					
#99	H	9 6	305	23,586	777
#60	H	5 7	303	17,099	661
#80	H	5 6	305	19,151	910
#27	H	5 7	305	20 171	788
#13	H	5 1	305	16,439	707
Junge Farms					
Sequin	H	6 8	305	23 548	963
Potion	H	6 1	305	17,052	872
Ann	H	4 6	305	24,162	794
Amanda	H	3-10	305	25,518	860
Pixy	H	3 2	305	22 508	949
Scattered Acres, Inc					
#103	H	7 7	305	16,390	679
#170	H	3 6	305	19,341	800
Clarence E Kreider					
#22	H	4-7	271	12 368	663
Barry L Burkholder					
Kirtel	H	4 8	305	20,679	8[illegible]
Glen High					
Debby	H	5 9	305	21,085	
Elevatn	H	4-9	305	20 560	85[illegible]
Betty	H	1-11	305	15 533	690
Retland Farm					
#20	H	4-2	305	16,307	680
Richard L Schrufer					
June	H	5 11	305	17,011	677
David Y Knauer					
Roxie	H	7-6	305	16 442	676
Elam G Hoover					
#42	H	4-3	305	17,303	669
#48	H	4-5	305	15,423	685
#21	H	3-6	287	18,123	697
Keith E Hertzog					
Ace	H	4-8	305	16,310	705
Donald Burkholder					
#60	H	7-4	305	19,635	715
Steven E Wagner					
#70	H	5-0	305	19,352	729
Joseph F Walters					
#33	H	5-2	305	16,259	739
#36	H	5-3	305	16,753	650
Springhouse Farm					
#46	J	5 10	295	12,169	671
#57	J	5-2	305	13,516	676
Merlin J Grube					
#19	H	4-6	305	19,130	721
Charles Zimmerman					
Adela	H	8-7	305	16,976	680
Bruce D Cammauf					
Midge	H	5-6	305	18,428	
Alton Rohrbach					
#17	H	7-0	305	18,022	729
Arlan Krick					
Cupid	H	8-1	305	18,217	671
Alma	H	10-4	305	17,491	762
Sparkle	H	6-8	300	15,761	716
Deli	H	4-9	305	22,111	797
Jodi	H	5-5	305	21,928	749
Jaimore Farm					
Megan	H	5-11	305	16,746	702
Molly K	H	3-4	274	15,018	707
Wilmer Dreibelbis Jr					
#10	H	4-7	305	18,942	650
#5	H	5-7	305	21,666	682
Good Bros					
#8	H	9-5	305	19,899	735
#17	H	6-2	305	18,477	698
#29	H	7-1	305	18,419	678
George S Troutman Jr					
Shultzy	H	4-8	305	21,926	684
Arlene	H	4-8	305	22,142	695
Lois	H	3-4	305	20,272	774
Yost Brothers					
#23	H	5-1	305	21,916	668
#147	H	5 0	301	25,145	721
#3	H	2-4	305	19,153	732
#37	H	2-1	305	16,744	602
Teen Chal Farm					
#87	H	5 8	305	19,400	695
Irvin G Weaver					
#29	H	7-0	305	16,965	656

CUMBERLAND COUNTY DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

March 1981

Cumberland County Dairy Herd Improvement records show that 7278 5 cows in 122 herds were on production testing in March according to County Agent Duane G Duncan

Of the 98 Herds on DHIA 69 herds had an average fat production of 1 50 pounds per cow per day for the month During the month 99 completed their 305 day lactation with 600 pounds of butterfat

DHIA Supervisors working with the dairymen to improve efficiency include Harold Boldosser, 130 Old Gap Road Carlisle, Paul Wynn, R1, Box 88, Newburg, Jay Zeigler, R1 Carlisle, and John Rolar, R2, Newville

The following are the highest of actual butterfat in 305 days

(Turn to Page D3)

Cumberland Co. DHIA

(Continued from Page D2)

or less in the county during the month The age listed is her e at the time of freshing

Sundays Vallilea Farms 54	RH	9	22,624	853
Roy L Coover 73	GH	4	20,396	811
Mark A Naugle Gem	RH	5	17,208	804
Milk Way Farms 2	RH	9	17,985	798
Ashcombe Dover Dairy R291	RH	4	22,490	797
Thrush Brothers 52	RH	9	23,482	791
Sundays Vallilea Farms 170	GH	3	22,607	771
J B Brymesser & Sons 131	RH	7	23,402	770
M Thomas Sheaffer Isabel	RH	5	19,568	768
Paul Strock Dolly	RH	7	21,283	754

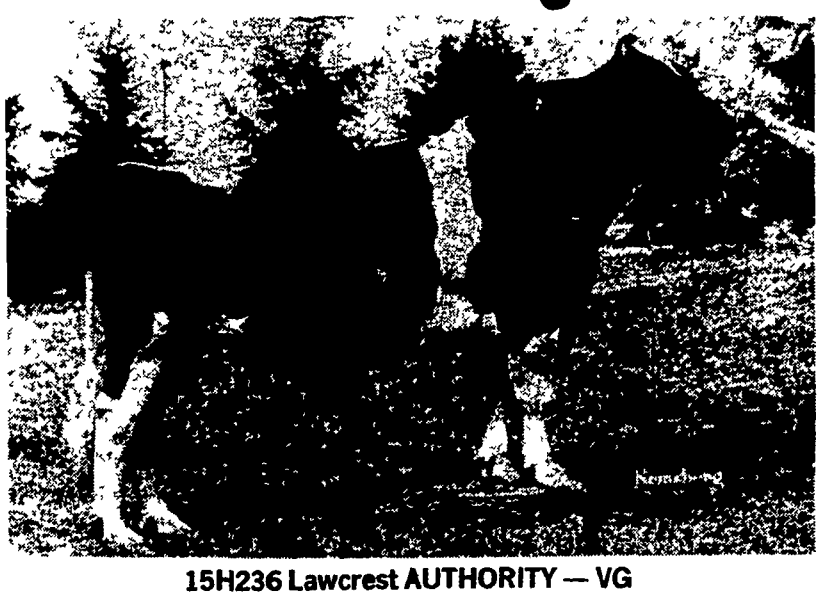
HIGH DHIA SUMMARIES FOR MARCH

OWNER NAME OR NO.	AGE		LBS. MILK		% FAT	LBS. FAT
Nevin Shughart	B3	31	97	71 2	3.5	2.51
M Thomas Sheaffer	3	54	93	59 5	3.5	2 11
D Lehman	3	73	97	52 8	3 9	2 06
Berkheimer Farms	B3	147	94	51 2	3 9	2 02
e A Hoover, Jr	B3	32	987	56 1	3.6	2 01
undays Vallilea Farm	B3	126	90	51.0	3.9	1 98
Allen B Martin	G3	40	94	57.8	3.4	1 96
Milk Way Farms	B3	183	94	50.9	3.9	1.96
Fred B McGillvray	3	35	89	48 8	4.0	1 96
Alfred Gaisler	B3	41	91	50 7	3.8	1 94
D Clinton Sauder	3	52	91	48.9	4.0	1 94
Paul Strock	3	119	89	52 8	3.6	1 89
John M Lippert	3	41	91	53 0	3.5	1 88
Leroy Chestnut	B3	49	92	52 2	3.6	1 88
Paul B Sensenig	B3	33	84	49.9	3.7	1 86
Merle & Sharon Dice	B3	31	87	46.7	4.0	1·86
David S Miller	B3	26	87	52 8	3.5	1 85
Herbert B Shughart	3	24	101	51 8	3.6	1 85
Ashcombe Farms	B3	265	91	50 5	3.7	1 85
Mark A Naugle	3	48	94	48 4	3 8	1 85
Mervin E Ruppert	B3	38	91	50 2	3.7	1 84
Edward L Brackbill	B3	30	94	45.7	4.0	1 84
Robert Strock	3	92	90	46.6	3.9	1 83
David E. Lapp	B3	36	90	48 0	3.8	1 82
Creedin C Cornman	3	31	932	49.1	3 7	1.81
Sandrod Farms	B3	44	85	48.7	3.7	1 81
J Shephard Wolff	3	48	89	48.9	3 7	1.79
Chester C Weaver	B3	72	93	46 1	3 9	1.79
Her Joy Farms	B3	36	100	45.2	3 9	1.77
Harvey Newswanger	B3	34	80	42.3	4 2	1.77
Daniel R Ocker	G3	55	90	44 4	4.0	1 76
Thrush Brothers	B3	108	92	45 3	3 9	1.75
Freshair Dairy Farm	B3	51	84	44 9	3 9	1.75
J B Brymesser & Sons	B3	208	87	46 9	3 6	1.70
rl Kelso, Jr	B3	60	83	45 3	3.7	1.69
hester & Galen Smith	3	117	94	46 6	3 6	1.68
J Glenn Glesner	3	52	96	46 1	3.6	1.68
Roy Wright	3	31	99	41 2	4 1	1.67
Fred A Hoover	3	41	92	45.0	3 7	1.65
Ashcombe Dover Dairy	B3	265	88	43 4	3 8	1.65
Frank J Yost	3	59	89	42 8	3 8	1.64
Melvin Sensenig	B3	51	92	41 6	3 9	1 64
Furman Landis	B3	38	84	40 1	4 1	1 64
Warren Nolt	B3	56	86	45.1	3 6	1 63
Oscar Nealy & Sons	B3	100	89	43 8	3 7	1 63
E Lee Oiler & Son	B3	40	89	42 0	3 9	1 63
Donald A McCullough	B3	108	91	43 1	3 8	1 62
Roy E. Snoke	3	31	89	41.6	3 9	1 62
Harry & Paul Hoch	3	110	87	41 6	3 9	1 62
Glenn W Myers	B3	47	86	43.0	3 7	1 61
John F. Stoltzfus	B3	45	86	45 4	3 5	1 60
David L Miller	B3	65	90	47 5	3 3	1 59
Elmer Gettle	B3	47	82	42 4	3 8	1 59
John H. Staub	3	51	96	41 2	3 9	1 59
Hale & Burkholder	3	46	82	44 3	3 6	1 58
Ross H. Holtry	B3	52	95	42 0	3 8	1 58
Lee G Davidson	3	55	89	40 2	3 9	1 58
Kenneth E Zeigler	3	40	89	38.7	4 1	1.58
Robert H. Jamison	3	25	82	43 2	3 6	1 57
Otto Brothers	B3	251	85	39.3	4 0	1.57
Roy L. Coover	B3	76	88	41 9	3 7	1 56
George P. Wickard	B3	35	95	46 1	3 4	1 55
Leroy Showaker & Son	3	66	81	40.4	3 8	1 55
Heiser Farm Dairy	B3	55	80	41.9	3 6	1 52
Marlin Miller & Sons	B3	50	80	40.2	3 8	1 52
Carl L Lehman	B3	51	85	42 8	3 5	1 50

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Otto Brothers 76	3	16,147		4 0		640
Mark A. Naugle Gem	5	17,208		4 7		804
Gift	5	15,814		4.1		655
Donald A. McCullough 34	3	12,250		5 0		617
Robert Strock Fran	5	19,724		3 6		712
Jay	6	20,721		3.4		713
Donald L Basehore Dawn	6	18,515		3 5		648
Martha	4	18,621		3 3		610
Lacey	2	14,717		4 1		606
Paul R Cornman Cora	6	19,538		3 5		686
Pearl	5	18,212		4 0		724
Brandy	3	18,348		3 6		662
Sundays Vallilea Farms 76	8	20,052		3 7		747
54	9	22,624		3 8		853
170	3	22,607		3.4		771
99	2	17,797		3 8		672
100	2	14,442		4 3		615
J B Brymesser & Sons 131	7	23,402		3 3		770
178	6	21,202		3 2		684
184	5	18,008		3 5		637
277	4	18,944		3 5		660
Ashcombe Farms 210	9	19,380		3 6		689
21	7	19,986		3 6		725
54	7	21,909		3 3		716
284	6	19,569		3.5		686
135	5	16,642		4 3		716
370	4	24,014		2 8		676
81	3	19,441		3 5		683
108	3	21,329		2 9		619
160	3	15,509		4 1		636
64	2	15,025		4 0		608
Lee G. Davidson Elva	7	18,230		3 4		622
Colleen	2	13,840		4 4		612
Roy E. Snoke Dena	7	20,108		3 5		697
Sonja	7	19,591		3 7		722
Violet	3	16,957		3 6		616
Chester & Galen Smith Lucky	3	18,538		3 5		648
Thrush Brothers 52	9	23,482		3 4		791
87	6	14,864		4 8		717
E Lee Oiler & Son Rosett	4	18,068		3 5		624
D Lehman 14	3	20,139		3 2		646
Roy L Coover 73	4	20,396		4 0		811
Paul Strock Dolly	7	21,283		3 5		754
Ginger	5	19,444		3 2		627
Jonnie	3	18,222		3.9		711
Paula	3	19,392		3 8		743
Kim	2	19,547		3 3		640
Harry & Paul Hoch Babe	4	20,160		3.4		690
Jackie	3	16,412		3.8		620
Alfred Gaisler Thelma	7	17,770		3 5		614
Milk Way Farms 2	9	17,985		4 4		798
96	7	21,681		3 0		654
164	2	16,249		3 7		605
54	2	18,644		3 3		619
6	2	16,785		3 6		603
D Clinton Sauder Hazel	8	21,192		3 4		720
Nellie	8	18,492		3 6		669
Sunny	3	19,136		3 3		630
Fred B McGillvray Blossie	5	17,576		3 6		626
Ross H Holtry 35	7	18,943		3 5		666
27	4	19,065		3 6		680
2	4	18,133		4.1		750
John H Staub Sandy	6	16,322		3 7		604
Frank J. Yost Goldie	6	15,399		4 0		621
Dixie	5	15,172		4.4		670
Jill	4	17,391		3 3		582
Larena	5	17,587		3 7		652
Ashcombe Dover Dairy R 190	8	18,549		3.9		727
R 291	4	22,490		3 5		797
R 298	5	20,017		3.3		660
8	3	21,659		3.2		702
Leroy Showaker & Son Betty	10	16,850		4.0		677
John E. Lapp Gloria	4	18,025		3 8		684
Leroy Chestnut 45	4	15,617		4.0		619
Robert H Jamison Judy	7	19,265		3.3		631
Melvin Sensenig Sharon	4	14,832		4.3		633
Oscar Nealy & Sons 46	6	21,378		3.2		685
Berkheimer Farms 76	6	17,746		3 6		637
Fred & Chris McGillvray 9	4	18,366		3 3		603
Kenneth E Zeigler Trill	3	15,893		4 1		646

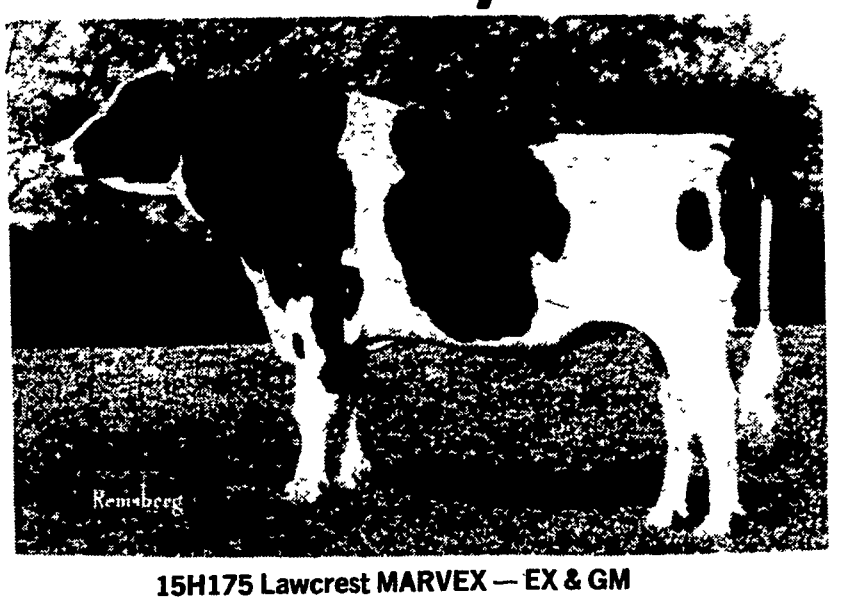
(Turn to Page D4)

Use the Profit-Making Genetic Power of Authority and Marvex



15H236 Lawcrest AUTHORITY — VG

68 Daus. in 48 Herds Ave. 17,012M 3.5% 592F
Predicted Difference (74% rpt.) +1,170M +$100 +13F
Type Strengths: fore udder, rump, and depth of body.
Sire: Paclamar Astronaut — EX & GM
Dam: and EX Elevation dau. with 3 rec. over 22,000M and 800F.



15H175 Lawcrest MARVEX — EX & GM

223 Daus. in 154 Herds Ave. 17,460M 3.7% 639F
Predicted Difference (92% rpt.) +1,211M +$148 +41F
59 Daus. Cl. 80.6 (act.) 82.0 (age-adj.) +1.66 PDT
Type Strengths: fore udder, rear udder, teats, legs & feet, rump, easy milk-out, style and quality.
Sire: Round Oak Rag Apple Elevation — EX & GM
Dam: a VG & GM Pride Admiral dau. with lifetime over 155,000M and 5,500 F.

(January/81 USDA Production and July/79 HFA Type Summary)

Our Daily Holstein Selection Includes:
23 bulls with milk PD over +1,000
27 bulls with value PD over +$100
7 bulls with +PD for % test
34 bulls with at least 70% repeatability
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dhia
Pennsylvania Dairy Herd Improvement Association

Somerset County DHIA Report

MARCH 1981

OWNER	BREED	NO COWS	% DAYS IN MILK	LBS MILK	% FAT	LBS. FAT
Latuch Brothers	3	78 7	94 5	64 6	4.1	2 68
George C Stahl	B3	66 4	93 9	67 0	3.6	2 42
Lewis W Berkley	3	66 0	83 9	55 8	4.3	2 38
Lewis W Berkley	3	64 9	84 6	53.8	4 3	2 33
Leon Knepper	3	96 1	91 6	58 6	3 9	2 31
Reimandale Farm	3	57 4	84 9	56 6	4 0	2 24

Cumberland Co. DHIA

(Continued from Page D3)

Connie	7	16,466	3 8	619
Lulu	3	15,651	3 9	651
Wm F. & Susan Dietrich				
Hermina	6	14,845	4 7	691
Truffle	4	14,676	4 6	680
Sapphire	3	10,430	6 2	648
David S. Miller				
Tena	6	17,260	3 9	672
John F. Stoltzfus				
Gal	8	14,916	4 0	601
Joy	4	17,602	3 9	683
Penny	3	19,610	3 8	740
Francis Mains				
24	3	16,198	4 0	643
Fred A Hoover				
Patti	7	16,877	3 6	609
George P. Wickard				
Jeanie	7	20,229	3 2	646
Furman Landis				
11	5	19,397	3 7	719
12	5	17,627	3 9	680
Daniel L Martin, Jr				
74	4	18,346	3 6	668
M. Thomas Sheaffer				
Isabel	5	19,568	3 9	768
Mains Acres				
83	5	15,751	4 2	658
108	2	13,861	4 7	649

Robert M Bauermaster	3	85 6	[illegible]	57.0	3 9	[illegible]
Donald Glessner	3	40 0	86 3	53 5	4 1	2 23
Double-Ott Dairy	3	29 5	88 4	51 9	4.2	2.19
Claradale Farms	3	71 7	89 5	56.3	3 9	2.18
William E Hunsberger	B3	51 0	94 7	57.7	3 8	2 17
Harry Mosholder	G3	32 7	90 1	58 2	3 6	2 12
Paul J Pyle	B3	40 2	89 2	55 9	3 8	2 12
Frank S Bocsy & Son	B3	40 2	92 4	50 2	4 1	2 06
North View Farm	3	144 4	86 7	48 4	4 2	2 05
Sec Win Farm	3	72 0	94 4	55 7	3 7	2 05
Milford Valley Farm	B3	50 0	94 4	53 7	3 8	2 05
Timothy D Clites	B3	37 3	92 4	50 8	4 0	2 03
Donna L & K W Brant	3	53 1	90.6	53 0	3 8	2 00
Glenn E Johnson	3	64 2	95 1	51 1	3 9	2 00
Stoney Acres Farm	B3	49 0	89 2	46 3	4 3	1 98
Urbadale Farm	B3	33 0	90 7	51 3	3 8	1 97
Kimder Farm	B3	61 7	88 3	56 8	3 5	1 97
Hillmont	3	85 2	92 4	49 9	3 9	1 95
George N Baer	3	47 0	88 9	51.9	3 8	1 95
Donald E Vangilder	B3	65 1	93 3	51 3	3 8	1 94
Wel-Lyn Farms	3	72 0	83 0	48 4	4 0	1 93
Zerin Dairy Farm	B3	87 7	83 5	49 6	3 9	1 93
Merle Mishler & sons	B3	35.0	83 5	51 4	3 7	1 92
James W Ringler	B3	56 7	95 6	52 9	3 6	1 90
Harold E Miller	B3	61 0	83 4	49.3	3 9	1 90
William Blough & Son	B3	113 0	89 4	46 5	4 1	1 90
Charles E Maust	B3	28 0	96 1	49 4	3 8	1 89
Rocky Ridge Farm	B3	68 2	89 0	48 4	3 9	1 89
Bar Val Farm, Inc	3	118 0	90 7	49 5	3 8	1 88
Clark E Weyand	B3	57 1	93 1	49 4	3 8	1 88
Don R Miller	B3	53 1	90 8	47 5	3.9	1.87
Paul E Yoder	3	38 5	92 1	48 1	3 9	1 87
Evan L Maust	B3	37 0	91 8	47 6	3 9	1.86
Hillegrass Farms	3	90 1	86 4	49 8	3 7	1 84
William & Vera Shultz	3	43 0	94.4	46 4	4 0	1 84
R Taylor & L Bittner	3	59 2	83 1	49 7	3 7	1 83
Tice-Platz	B8	43 4	88 2	45.4	4 0	1 82
Gerald F Carr	3	64.5	86 7	46 9	3 9	1 81
Pax-Terra, Jim Paxton	B3	25 0	100 0	53 5	3 4	1 81
Loyetta Farms	G3	95 2	95 0	47 0	3 8	1 80
Delbert & Ed Thomas	B3	83 7	94 3	45.3	4 0	1 80
Cross Road Farm	B3	42 3	89 0	46 3	3 9	1 80
John Zehner	B3	63 9	88 5	49.3	3 6	1 79
William D Marteeny	B3	76 2	79 3	48 3	3 7	1 78
Lonnie D Ream	B3	33.2	85 3	46 4	3 8	1 75
Snyder Brothers Farm	G3	63 6	92 2	44 9	3 8	1 72
Owen Stellingwerf	B3	38 6	85 0	43 1	4 0	1 72
Farview Acres	B3	59 7	77 5	43 7	3 9	1 71
Vincent Flannery	B3	121 2	89 2	43 6	3 9	1 71
Charles S Wilcox	B3	68 7	85 2	42.3	4 0	1 70
Ernest P. Hoffman	B3	51 5	76 9	41 3	4 1	1 69
Wayne Schrock	3	57.6	79.5	46.3	3 6	1 68
James Mostoller	B3	56 4	82 7	42.5	4 0	1 68
Arlen W. Maust	B3	10 9	88.7	42.3	4 0	1.68
Dean E Hillegas	B3	55 6	78 3	39.9	4.2	1 66
Paul & Dave Countryman	3	87 7	81 9	44 9	3 7	1.65
Elwood Yoder	B3	38 4	81 3	42 8	3 9	1 65
K W. & L W. Saylor	B3	66 6	87 1	39 0	4 2	1 65
Marvin E Thomas	B3	50 6	83 0	40 0	4 1	1 63
Rosetree Acres Farm	3	45 9	86 5	44.6	3 6	1 61
Arthur Snyder	B3	50.0	77 7	39 4	4 1	1 61
Robert D Will	B3	66 9	80 7	38 8	4 1	1 59

S Holsopple & Sons	B3	34.0	94.7	46.0	3 5	1 59
Carl Walker	B3	54.6	86 8	41.8	3 7	1 56
Somerset Farms	B3	51 1	91 7	40.6	3 8	1 55
Larry Lohr	B3	86.2	91 0	41 2	3 7	1 53
Ray R Carver	B8	58 0	88 1	39 2	3 9	1 53
Paul & Sharon Fox	B3	37 0	90 9	43 9	3 4	1 50
Lloyd Lohr	5	32 7	78 9	32 2	4 6	[illegible]
Lewis E Maust	G3	25 6	85 5	35.7	4 1	[illegible]
Shaffer & Walker	B3	37 0	82 4	37 4	4 0	1 48
Donald R. Hixson	B3	44 9	84 0	38 2	3 8	1 47
Tunnel Hill Farm	3	60 1	74 7	38 1	3 8	1 46
Annie Berzonski	B3	79 2	81 6	35 0	4 1	1 45
Robert F Shockey, Jr	B3	60 4	90 2	39 9	3 6	1 45
James R. Hemminger	B3	53 1	88 8	39 0	3 7	1 43
Windy Valley Dairy	B8	80 3	89 2	36 8	3 9	1 43
Harold E Hay	B3	47 8	87 2	36 7	3 8	1 41
Rupple D. Brant	B3	93 8	85 4	35 2	4 0	1 41
Glade Triangle Farm	B3	47 5	83 8	35 3	4 0	1 41
Robert Hillegass	B3	38 0	86 9	34 0	4 1	1 40
Royal W. Knepper, Jr	B3	59.1	83 8	35 2	3 9	1 39
T Rich, Inc	B3	134 2	77 0	32 8	4 2	1 38
Friendship Farms	G3	66 1	68 9	34 8	3 9	1 36
Emmert Weaver	G3	48 9	89 2	33 7	3 9	1 33
Little Piney Farm	B3	42 0	86 3	34 6	3 8	1 33
Dale E Leydig	B3	46 8	86 6	33 9	3 9	1 33
Willard Maust	3	45 0	72 0	35 3	3 7	1 32
Harold M. Shaulis, Jr	B3	56.9	83 0	34 2	3 8	1 31
William R Yoder	B4	20 0	76 4	26 2	4 9	1 28
Bernard McKenzie	B3	45 5	86 7	32 6	3 9	1 26
Hays Park Farm	B3	74.0	95 0	32 3	3 9	1 26
Jim Brocht	B3	56 7	78 4	27 8	4 0	1 10
D Jenkins & D Woods	B3	24 0	95 8	24.4	4 5	1 09
John P Slobozien	B3	22 0	67 1	27.6	3 7	1 03
Mt. Davis Farm	B3	43 0	79 2	27 4	3 6	1 00

June is dairy month

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SIZES
60 KW to 1050 KW
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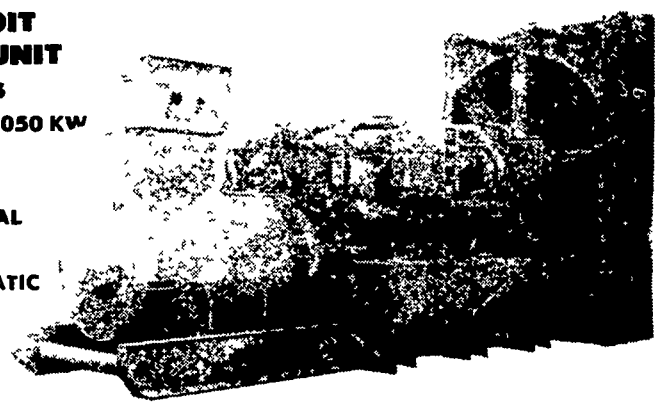

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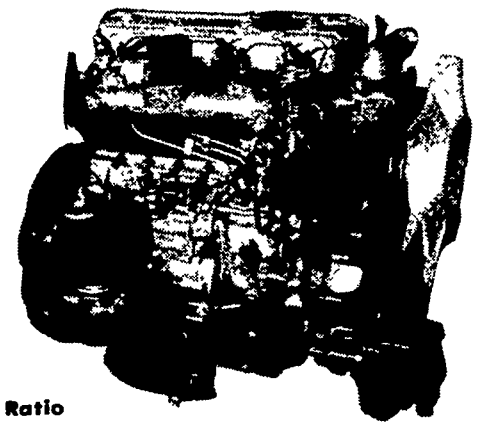

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LANCASTER — Agricultural research and the results of that research — are vital to the success of every farmer in American, although most farmers aren't familiar with the "behind-the-product" activities.

There's more money, manpower and effort behind an improved product when it hits the market than most would guess. For example, the total effort behind the search for better hybrid seed is large and complex.

At last count, there were hundreds of seed companies marketing hybrids and varieties of various crops. The American Seed Trade Association has well over 700 companies registered as members. Not all companies conduct research, but the effort is still impressively large.

The largest effort comes from DeKalb AgResearch, Inc., which employs hundreds of people, who are involved in one way or another in the search for better hybrids. The number of people on the DeKalb payroll last year in the corn research department, alone, was nearly 1000.

According to Charles Krull, vice president of corn research at DeKalb, employee numbers are not the only means of measuring research efforts.

"There are three basic ways to measure a research effort. There's the number of people, the amount of money and then, there is the effort itself — or what a company is actually doing to search for better hybrids."

The corn research department conducts actual breeding work and testing at 15 major locations across the country, but the marketing, production and foundation seed departments, not to mention farmers, are all running additional research and test plots that number into the thousands.

To give you an idea of size, try these numbers on. The firm planted nearly 135,000 nursery rows of test corn last year. Regardless of how long those rows are, if they were in 30-inch rows those nursery rows would cover a field 64 miles wide. Nearly two-thirds of these rows are pollinated by hand, plant by plant.

In addition to that effort, they operate over 200,000 replicated research plots from which detailed notes on percentage of root lodging, stalk lodging, yield, silk date, ear drop, tassel date and moisture are taken.

In total, that's more than one-third of a million plots of corn that researchers at just one seed company are studying. Selection procedures are so intense and the business is so competitive that only about one of every one thousand hybrid looked at each year is good enough to be advanced to even the next phase of testing.

It can take up to 12 years for farmers to have seed available to them from the time the original crosses are made. Seed companies can take steps to speed up that process by two to three years—like taking the seed to Hawaii or Florida, where breeders can utilize long growing seasons to produce two crops instead of one.

DeKalb, for instance, has two of these locations—one in Hawaii and one in Florida, where yet an additional 25,000 nursery rows are studied.

As large as these efforts seem, the story is not yet complete. At least a handful of the major companies and nearly all major land grant colleges have a complete set of complementary specialists.

Krull says, "We operate all of these programs as do a few other companies. We have pathology, physiology, entomology, germplasm resources, nutrition and data processing."

While the company's total research efforts are aimed at providing farmer's with higher yielding hybrids, many of the contributions came from complementary programs. Improved resistance to disease, insect and drought are some of these contributions.

For instance, hybrids with drought tolerance are well on their way to being marketed, a direct contribution of the physiology program.

A new race of northern corn leaf blight was discovered and resistance found before it did any significant damage; part of a pathologists job. The germplasm resources group conducts a worldwide search for new and different germplasm — and then screens for the better ones. Nutritionists are searching for protein quantity, amino acid balance and other factors figure into nutritional quality.

Entomologists strive to keep pests away from corn fields by providing more bred-in resistance. And naturally, with all this to accomplish, you need a computer or two and a scattering of statisticians — that's where data processing gets into the act.

Proven techniques? A good program? Well, it seems to be working. Corn yields have increased from 25 bushels per acre back in the '30s to 109 bushels in 1979 — an impressive track record considering about half of that increase can be attributed to genetics or research.

That's a good indication agricultural research is paying off where it's needed most — down on the farm.

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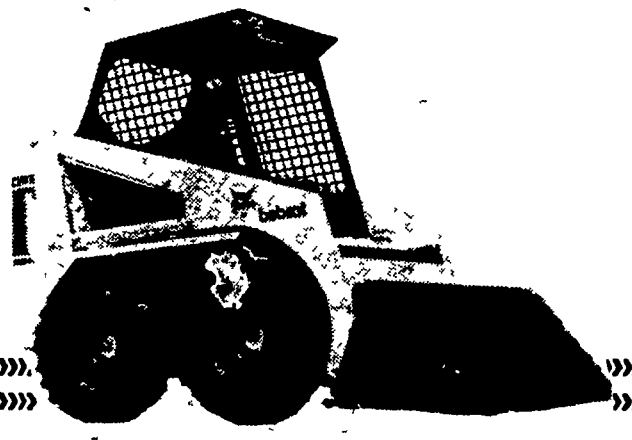

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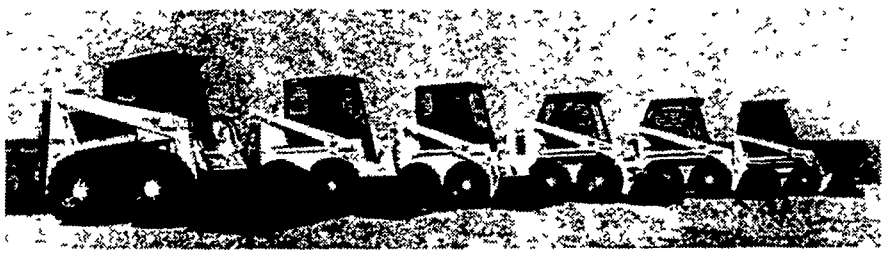

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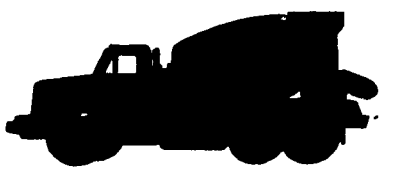

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Jerry McCammon tops Little I showmanship competition

BY SHEILA MILLER

UNIVERSITY PARK — Jerry McCammon, R1 Schellsburg, realized the thrill of victory and the agony of the Nitanny Valley frigid weather as he competed his way to the coveted honor of Grand Champion Showman of the Block and Bridle Club's 64th Little International Livestock Exposition, held last Saturday at the Penn State Beef and Sheep Center.

McCammon, an animal production major completing his junior year, exhibited his showmanship skills throughout the grueling competition. Sheep judge Robert Zimmerman, New Concord, Ohio, awarded McCammon his first blue ribbon as he outshowed eight other competitors in the Dorset class. And, he captured the champion's ribbon as he showed against three other first place sheep showman.

Winning the prestigious Grand Champion Showman trophy required McCammon to demonstrate his ability to show all species of livestock. As the sheep, beef, horse and swine judges pooled their decisions, McCammon was chosen best showman, defeating the champion showmen of the other species.

It was a double victory for McCammon and his Dorset partner. Along with his showmanship achievement, he was selected champion fitter in the sheep contest.

McCammon developed his showmanship skills before becoming a Penn State student and Barn Boy at the sheep center. He participated in his county 4-H club for 7 years and won the champion market lamb trophy twice, the first time in 1972 with his first project lamb and again in his last year of competition in 1980.

This year's grand champ is the son of Jerry and Peggy McCammon, Bedford County. An active Block and Bridle Club member, he serves as the club's ag student council representative

The Reserve Grand Champion Showman award went to the champion beef showman, Tom Templeton, Ebensburg, Cambria County. Templeton is a senior at Penn State, majoring in animal production. After graduation, he will be employed by the Virginia Angus Association. He was awarded the champion beef showman ribbon by Chester Hughes, regional manager of the American Angus Association.

This year's champion swine showman was Bob Perneski, Saint Mary's, Elk County. He outshowed 40 other swine showman by skillfully exhibiting his crossbred gilt to swine judge Keith Bard, Lewistown. Perneski is a junior at Penn State, studying animal production, and is employed at the University's hog barn.

The champion's ribbon in the horse showmanship competition went to Karen Griwatz, Wexford, Allegheny County. This was Karen's first Little 'I' and her first

(Turn to Page D7)

Jerry McCammon, a junior at Penn State majoring in animal production, captures the prestigious Grand Champion Showman honors during the stiff competition at this year's Little I. the future livestock man is the son of Jerry and Peggy McCammon, Bedford County.

Bob Perneski, St. Mary's, was selected champion swine showman. He is a junior animal production major.

Tom Templeton exhibits his showmanship skills with this Power Play daughter, winning the champion beef showman ribbon. He demonstrated his ability by showing a horse, swine, and sheep also to rank second only to the grand champion. Templeton, a senior animal production major, is from Ebensburg

Lynn Pennington, Denver, N.J. was selected as the reserve champion sheep showman. This was Lynn's first attempt in the show ring. The junior animal production major works at the Sheep Center, helping with feeding, lambing, etc.

In the horsemanship competition, Karen Griwatz, Wexford, handled her Quarter Horse gelding to earn the champion showmanship honors. Judging the horse contest was former Penn Stater Nancy Chivers Kohler.

Little I

(Continued from Page D6)

year at Penn State where she is majoring in animal production. Karen's skills in handling horses has been learned through 16 years of practice. She said she began riding horses when she was 2-years-old, and has been showing them for 12 years.

Champion ribbons were awarded to the best livestock fitters. Demonstrating their talents with clippers and brushes were: Jeff Kaufman, Bellefonte, Centre County, champion beef fitter; Kim Stiles, Easton, Northampton County, champion swine fitter; and Suzanne Rich, West Chester, Chester County, champion horse showman.

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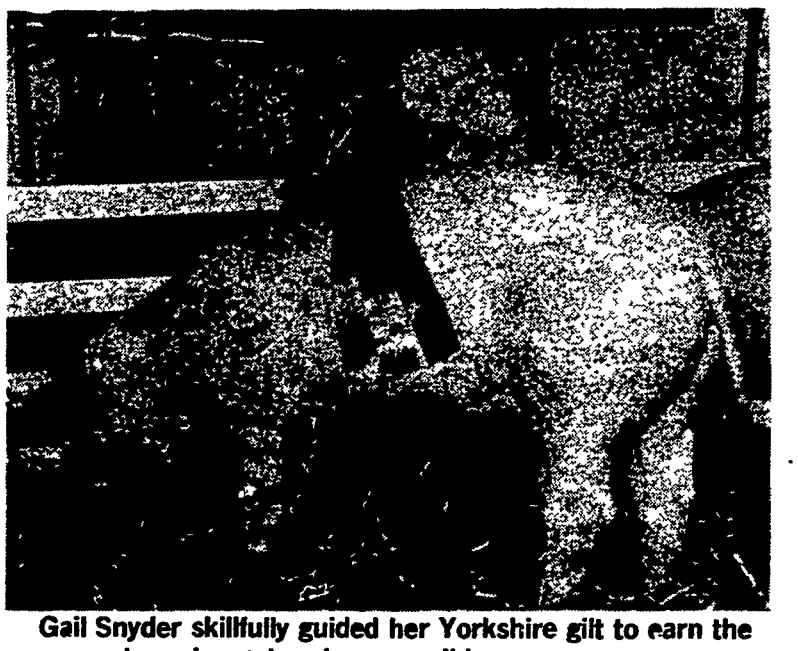
Jeff Kaufman, Bellefonte, is Little I's best beef fitter. This was Kaufman's third year of competition at Penn State's Block and Bridle Club livestock show.

Jo Hoelker, Norristown, clipped and carded her Suffolk ewe to earn the reserve champion sheep fitter ribbon. This was the junior animal production major's first year at Penn State and her first Little I.



Gail Snyder skillfully guided her Yorkshire gilt to earn the reserve champion swine showman ribbon.

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45LR1	45,000	135,000	70	120/240	175	1	3	670	730
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Little I

Lori Coon, Worthington, Armstrong County, said she picked swine to show in her first livestock show. The sophomore in animal production said she thought they'd be easiest! She walked away with the reserve champion fitter honors.

York County's Charla Janney, the 1980 Lamb and Wool Queen and this year's Suffolk Queen, tackled the job of showing this Polled Hereford bull — her first attempt at showing a beef animal. She was chosen as the reserve champion showman and noted "it's sure different than showing sheep".

Reserve champion horse showman and fitter is Cindy Franklin, Murrysville, Westmoreland County. She is a junior animal bioscience major at Penn State.

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Planting rates affect corn yields

LANCASTER — Soil, climate, cultural practices and hybrid determine how thick corn should be planted, but the arithmetic for top corn yields is simple, says Wayne Fowler, director of agronomic education, DeKalb AgResearch, Inc., DeKalb, Ill.

It takes 21,000 half-pound ears to produce 150 bushel per acre corn; it takes 28,000 to produce 200 bushel per acre corn.

"You've got to have the plants to get yield," Fowler says.

Yield potential is limited by the interaction of moisture availability, soil fertility and length of season, so realistic yield goals represent downward adjustments from maximum yield potential based on experience with insects, weeds, disease and other yield-limiting factors.

"Several years of studies at DeKalb's experiment farm, Dayton, Iowa, show the company's hybrids consistently produce higher yields under high plant populations," Fowler explains. This has proven to be true regardless of fertilization rate.

"Although excessive populations put undue stress on plants, evidence indicates that more yield goals are missed by planting too little rather than too much seed."

Narrow rows and high population rates, when used in combination with adequate fertility levels, earlier planting, and weed and insect control, are responsible for part of the upward corn yield spiral of recent years. Improved hybrids have contributed significantly.

There appears to be no good reason for a corn-soybean grower to plant any of his crop in rows wider than 30 inches, according to DeKalb's seed experts.

Narrow rows provide a full canopy earlier in the season and reduce evaporation and air movement which saves water. The canopy also shades weeds sooner which improves weed control.

In one three-year test conducted by DeKalb researchers, a harvest stand of 28,000 plants per acre in either 20 or 30-inch rows gave optimum yields with seven of the company's most popular hybrids.

The hybrids were tested at harvest populations of 21,000, 28,000 and 35,000 plants per acre in 20, 30 and 40-inch row spacings. In all cases, the lowest yields were made in 40-inch rows at the 21,000 population. Highest yields came from the 20 and 30-inch rows, with little difference between them.

Fowler points out that these tests were conducted on excellent soil and in an excellent corn-growing area fertilized to produce 150 bushel per acre corn.

At the 28,000 population, the average yield of the seven hybrids tested was 149 bushels per acre in 20-inch rows; 148 in 30's. At these same populations, the 40-inch rows yielded 10 bushels less corn per acre.

Fowler suggests these tips to help you get the desired stand:

- Be sure to drop enough seed. Not every seed will emerge, so set your planter to drop 10 to 15% more seed than the desired stand.
- When planting early, drop approximately 2,000 more kernels per acre than you would normally. Reason: Earlier planting results in smaller plants with less total leaf area per acre. So, for optimum yields, you can put down more seed per acre.
- Finally, calibrate your planter for each seed lot and for seedbed conditions. Then use the correct seed plate or planter setting and proper speed to get the seed drop you want.

Pa. egg production up 2 percent

HARRISBURG — March 1981 egg production in Pennsylvania totaled 377 million, according to the Pennsylvania Crop Reporting Service.

The March production was two percent above the 369 million eggs produced in March 1980.

The March average of 16.8 million layers was two percent above a year ago. Egg production per 100 layers was 2246 compared with 2240 in March 1980.

The nation's laying flocks produced 5.98 billion eggs during March, 1981, less than one percent below the 6 billion produced a year ago. The number of layers for March averaged 287 million, slightly above the 286 million last year. Egg production per 100 layers during the month was 2081 compared with 2079 a year ago.

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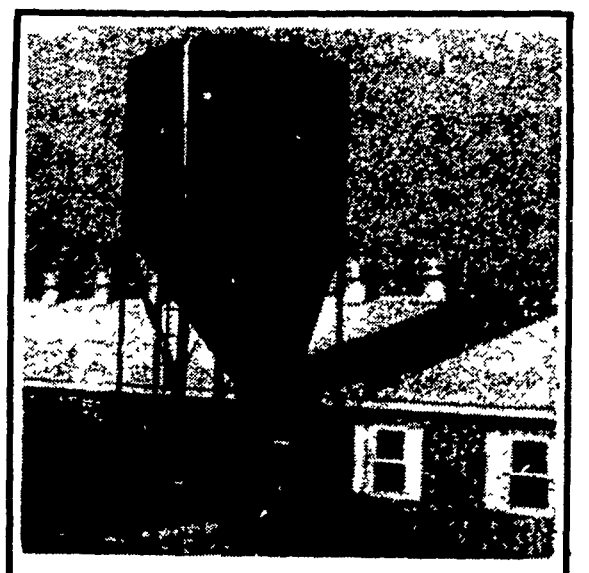

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Red and White sale results prove positive

LANCASTER — When the gavel fell for the last time at the 3rd Annual International Red and White Spring Sale, 78 head had sold for an average price of $1878.

Sale results, just released this week for the Saturday, March 28 sale, report 5 milking animals and 47 open heifers and heifer calves among the 78 sold. Also included were 2 bulls and 24 bred heifers.

A total of 40 buyers took home Red and Whites, with cattle going to ten states including Arizona and Wisconsin.

Top selling animal for the event was Burket Falls Marette-Red-ET, bringing $7500 on the bid of Larry Moore, Suamico, Wisconsin, a leading Red and White breeder.

Marette was a September calf sired by the leading red factor sire, Ca-Lill Standout Cavalier. Her dam is a VG-87 Ivanhoe Star with 845 fat, second dam is EX-91 and All-American.

Marette was bred and consigned by David Burket, Burket Falls Farm, East Freedom, Pennsylvania.

Marette carries the distinction of being one of the higher selling Red and Whites at public auction in the U.S.

Second high seller was a bred heifer, Gran-De-Vue Sugar-Red-Poll, sired by Thorland Majority from a Very Good 30,000 pound dam, selling at $5200. She was consinged by Ken DeMunn and Norman Grantman of Lomira, Wisconsin and was also purchased by Larry Moore, Suamico, Wisconsin.

Third high seller at $3600 was a November calf, Stoltzdell Ideal Joyce-Red, sired by Waddell Bootmaker Pete, a popular plus proven Bootmaker son. This calf was consigned by a local Red and White breeder, Elam K. Stoltzfus of Morgantown, Pennsylvania.

Joyce-Red's dam by Triple Threat had just scored Very Good prior to sale day. Buyer was Larry Moore.

Other animals selling over $3000 were as follows:

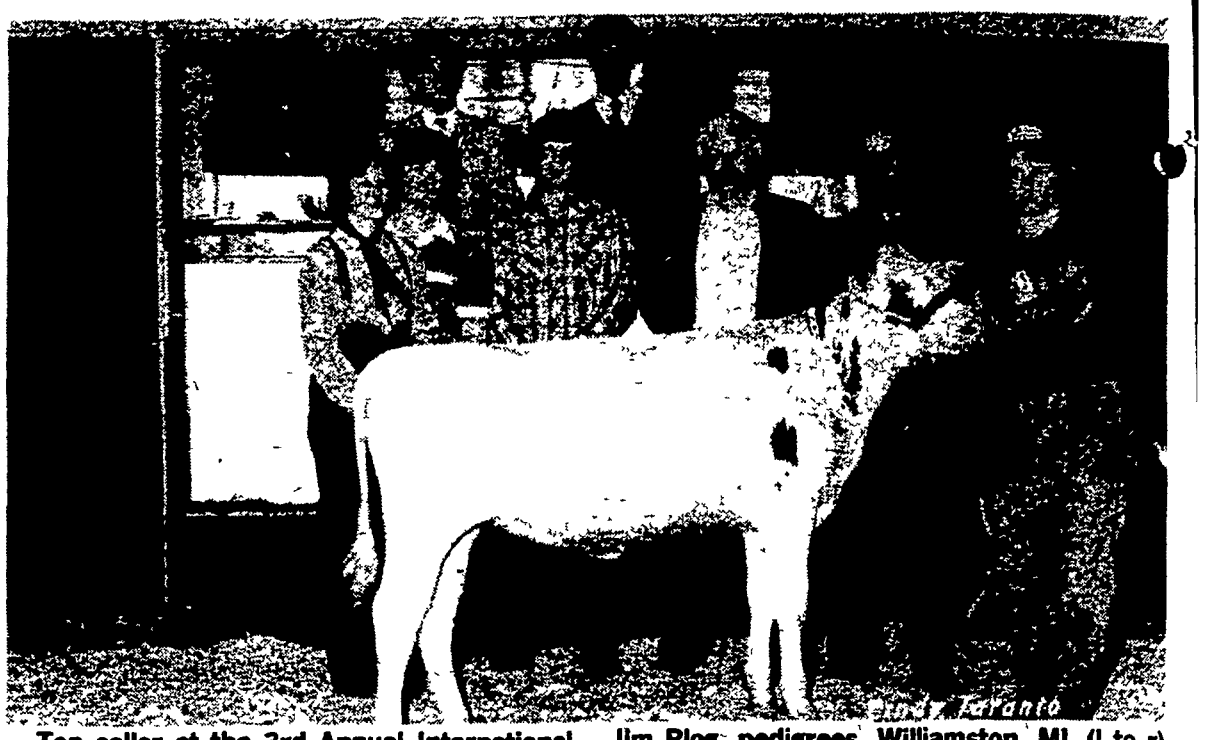
-Shayne Threat Rosemary-Red-ET - brought $3500. Consignor was Marlu Farm, Lincroft, New York. Buyer was Magloire Audet, Orwell, Vermont.

-Pam-Lyn Acres Shady Ladybug - brought $3200. Consignor was Frank Kitchen, Vernon Center, New York. Buyer was El-Cardale Farm, Elkton, Virginia.

-Kar-Kare Corky-Red - brought $3100. Consignor was Randy Yurkewecz, Fultonville, New York. Buyer was Ronelle Boldt, Seneca, Illinois.

-Gran-De-Vue TT Janet-Red - brought $3000. Consignor was Ken DeMunn and Norman Grantman, Lomira, Wisconsin. Buyer was Magloire Audet, Orwell, Vermont.—DK

See picture Page D11



Top seller at the 3rd Annual International Red and White Spring Sale at the Guernsey Sales Pavilion, was Burket-Falls Marette-Red-ET. She is the 6 month old daughter of Ca-Lill Standout Cavalier. Pictured: In the box (l to r) Merv Scott, Aylmer, Ontario, auctioneer and Jim Plog, pedigrees, Williamston, MI. (l to r) Robin & Frank Burket of Burket Falls Farm, consignor; Steve Hoover, Martinsburg, PA, contending bidder; Dave Jacobsen & John Moore of Larry Moore Dairy, Suamico, WI, buyer; Bill Capp, Jr., leadsman.

Grand-De-Vue Sugar-Red-Poll, bred heifer sired by Thorland Majority sold for $5200. Pictured: in the box (l to r) Merv Scott, Aylmer, Ontario, auctioneer and Jim Plog, Williamston, MI, pedigrees. (l to r) Janet DeMunn of Grand-De-Vue Farm, Lomira, WI, consignor; Dave Jacobsen & John Moore of Larry Moore Dairy, Suamico, WI, buyer; Bob Muirbrook of Mohave Dairy, Kingman, AZ, contending bidder; John Willsey, leadsman.

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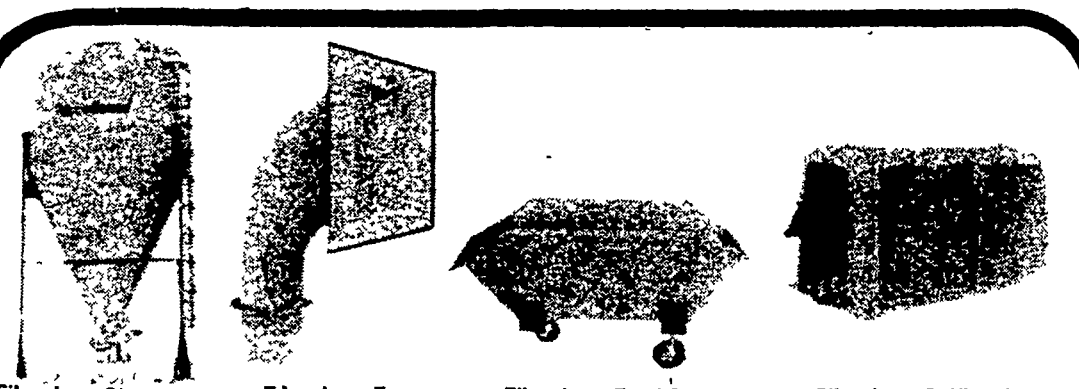

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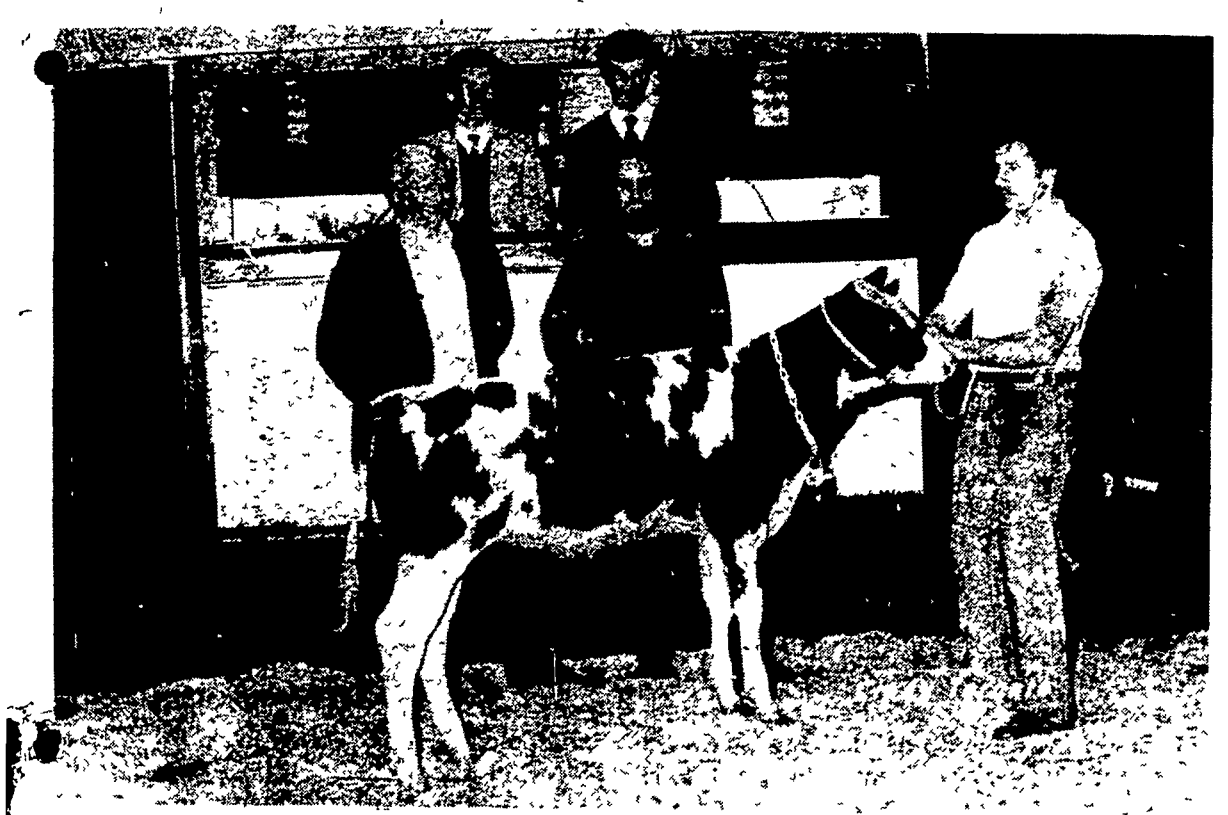
Red and white sale



Third top seller at the Red and White sale was the 4 month old daughter of Waddell Bootmaker Pete, named Stoltzdell Ideal Joyce-Red. This calf sold for $3600. Pictured: In the box (l to r) Merv Scott, Aylmer, Ontario, auctioneer and Jim Plog, Williamston, MI, pedigrees (l to r) Dave Jacobsen & John Moore of Larry Moore Dairy, Suamico, WI, buyer; John Willsey, Belmont, Ontario, leadsman. This heifer consigned by Elam K. Stoltzfus of Morgantown, PA.

Duncan wins PRIDE contest

UNIVERSITY PARK — Duane Duncan, Cumberland County Extension agent has been named state winner of the PRIDE Program sponsored by the National Association of County Agricultural Agents.

The Program is designed to recognize NACAA members for outstanding use of "Public Relations in Daily Efforts" that improve the understanding of agriculture in their communities.

Among his public relations efforts, the Cumberland County agent developed programs and activities that informed the urban community of agriculture's need and importance in the county.

Duncan initiated programs to create a better understanding with county, borough, and township officials concerning agriculture and facts about food production.

He carried out projects in rural and urban communities to show the need for wise use and preservation of agricultural land. He also provided educational programs about the dairy industry in several elementary schools.

Duncan will receive a cash award and certificate of merit.

The Milk Check

TOM JURCHAK
County Agent

Good News

The good news out of Washington last month was the announcement that the U.S. Department of Agriculture had denied a petition from the Community Nutrition Institute to hold a hearing on the pricing of reconstituted milk under all federal milk marketing orders.

This has been kicking around for 20 months but there was still nothing new from what had been said when the proposal was first made by CNI back in August, 1979.

Reasons given by USDA for denying the hearing included the undermining of classified pricing, the uncertainty of consumers getting what they paid for, losses to producers would exceed benefits to consumers, and finally the fact consumers already have the opportunity to buy powdered milk at the grocery store and reconstitute it themselves if that's what they want.

This is probably another example of milk marketing and politics. If a national presidential election hadn't taken place when it did, the decision might have been made in six months instead of twenty months.

But don't be surprised if the question of reconstituted milk is raised again. This wasn't the first time the issue came up and I don't thinks it will be the last.

Good as Expected

The uniform price for March in Order 2 was $13.20 or 26 cents less than February. It was about as good as you should have expected with a whopping four percent increase in production (allowing for 28 days in February) and a 20 cent deduct for the Louisville Plan.

Class prices were slightly higher than a month ago with Class I up three cents to $14.89 and Class II up six cents to $12.62 for March. But that increased production — which was the highest for March in 14 years — gave you a Class I utilization of only 41.4 percent, the lowest for March in 24 years.

It was the first month of the spring flush. If it's any indication of what's ahead, it should be a dandy.

There's certainly no help for increasing class prices with your increasing production and no help from the dairy price support program. So it's just a question of *how far down you'll push that Class* I utilization. If it drops to 40 percent in April and your Louisville Plan payment goes to 30 cents, you can expect a blend price very close to $13.00 for the month. After that there's still May and June before the flush is over.

Broiler placements up slightly

HARRISBURG — Placements of broiler chicks in the commonwealth during the week ending April 18 were 2,323,000, according to the Pennsylvania Crop Reporting Service.

The placements were slightly above both the corresponding week a year earlier and the previous week. Average placements during the past nine weeks were one percent above a year ago.

Placements in the 21 key poultry producing states were 85,879,000, one percent above a year ago. Average placements in the 21 key states during the past nine weeks were three percent above a year earlier.

Broiler-fryers slaughtered in Pennsylvania under federal inspection during the week ending April 8 totaled 2,078,000, with an average liveweight of 3.99 pounds.

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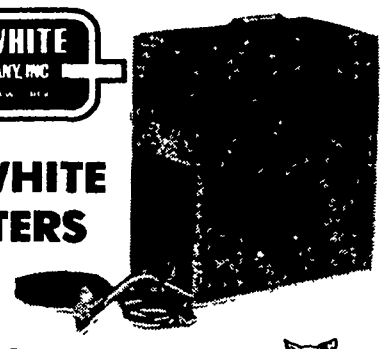

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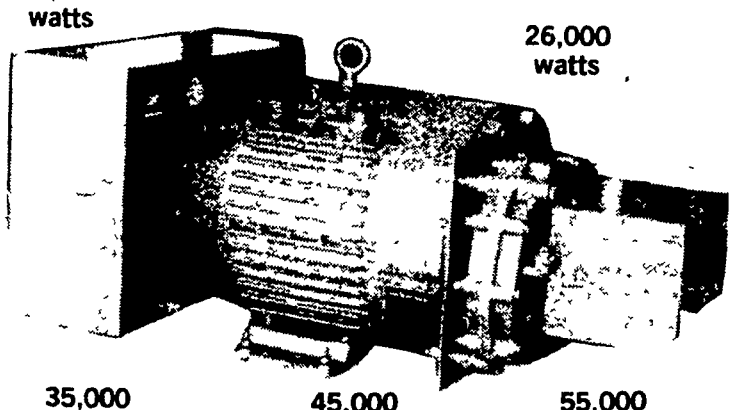

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Farm Talk

Jerry Webb

Sunflower Power

Sunflower power — that's what they're calling it. A new fuel for farm tractors that's produced right on the farm.

A British company has built the machine to produce it. A North Dakota farmer has one of them, and he's already making his own tractor fuel.

The current issue of Farm Show magazine tells about Charles Bahm, described as the nation's first farmer to own and operate a farm-size screw press for turning sunflowers and soybeans into tractor fuel. This enterprising gentleman is running his diesel tractors this spring with sunflower power.

The oil extractor, manufactured by Simon-Rosedowns, is called the Mini-40 Screw Press. It's powered by a three-horsepower electric motor and sells for $7560 F.O.B. Chicago. The unit will make about five gallons of fuel per hour.

Here's how it works.

Sunflower seeds are gravity fed into the machine's hopper and the screw press mechanism separates the meats and shells from the sunflower oil. The oil is collected on one side of the machine, while the meats and shells are ground into meal and collected on the other side. The oil is then put through a filter and into a fuel storage tank, where it's used as is in the North Dakota farmer's diesel tractors.

The meal is used for livestock feed. Bahm says it contains about 30 percent protein, so he's mixing it with ground wheat and barley straw to maintain his beef cow herd.

The farmer feels confident he'll have no long-range problems with his diesel tractors running on sunflower oil. With minor adjustments and no modifications, they seem to be doing fine. The only trick in burning sunflower oil, he says, is to run an engine underload and run it hot.

Researchers at North Dakota State University are using a Japanese made extractor for a wide variety of sunflower oil experiments. They feel it's still too early to start promoting sunflower power for the farm.

"There are still too many unanswered questions before you start pouring sunflower oil into your diesel-powered tractor. Wait until more research results are in, particularly on the long term effect sunflower oil might have on engine and fuel system parts," advises agricultural engineer Dr. George Pratt. He also suggests that a farmer who wants to experiment with this technique should buy a few gallons of sunflower oil first, just to see how he gets along with it.

The researchers have been burning pure sunflower oil with generally good results. It's a better fuel than soybean oil, they say, and it contains about 90 percent of the energy value of number two diesel fuel.

The researchers figure that if 75 percent of the oil can be extracted, 1500 pounds per acre of sunflower seed would return 55 gallons of oil per acre. A farmer would need only eight percent of the oil produced per acre to power the equipment to produce the crop.

Back in the good old days of horse power when farmers produced their own energy, it took about 30 percent of the crop just to feed the horses.

Other farmers around the country are moving ahead with plans to burn soybean oil, peanut oil, sunflower oil, or whatever else they can get to replace diesel fuel. It makes a lot of sense to cut out the middlemen and the Arabs, and the possibility for energy self-sufficiency on the farm is fascinating.

Farmers have used wind power for generations to replace mechanical and other power sources for pumping water and doing other tasks. And there's a great resurgence of interest in wind power.

Some farmers are producing alcohol from farm-produced grains and using it as tractor fuel. Others are making methane gas from livestock manure and using that to power stationary diesel engines that produce electricity. A 700-cow dairy operation near Gettysburg, will actually be producing more electricity than is needed on the farm and will be selling it back to the power company.

The question of producing energy on the farm is an important one. Obviously it's no longer a matter of can it be done, but more how successfully can it be done and at what price to the rest of the economy?

If large chunks of agricultural land are devoted to energy, they'll no longer be available to produce food. And that's a delemma the policy makers are going to have to consider very carefully during the next few years.

Farmers are already diverting some acres to energy production. Some large companies are currently in the gasohol business, and that's diverting some agricultural acres. Plans are on the drawing boards for a lot more of this kind of activity.

In the future, it won't just be a farmer producing his own energy. It's more likely to be a farmer producing energy for the rest of us. And that has serious implications for our future food supply.

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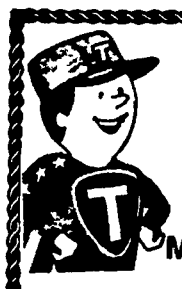

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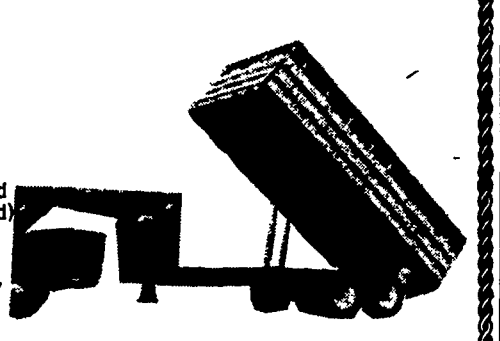

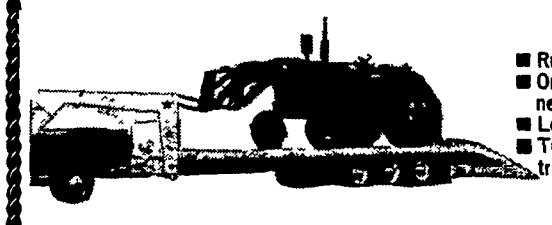

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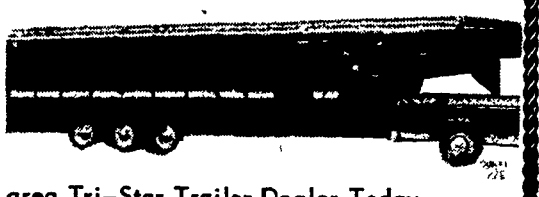

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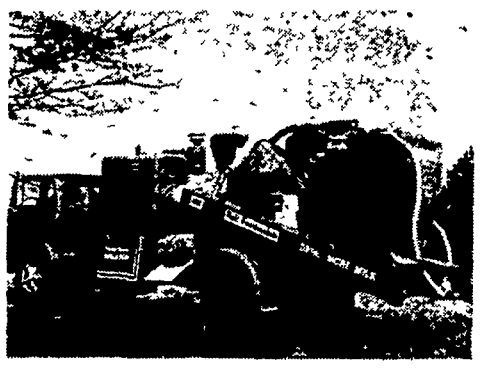

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Productive capacity has been increased to 1,000 pounds per minute by enlarging the mouth of the patented underfed hammermill. The hammermill will handle whole bales or roughage at lower rpm's.

The 102 cubic foot capacity mixer includes micro control for more accurate proportioning of feed ingredients. A new feature that further improved ingredients proportioning is an optional, automatic scale.

The new design also facilitates maintenance by reducing the number of belt and chain adjustments and replacements needed to keep the 1981 FEEDMOBILE in continuous, productive operation.

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dhia Pennsylvania Dairy Herd Improvement Association

Potter County DHIA Report

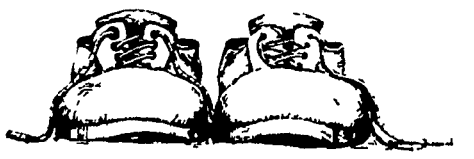
March 1981

Top Potter County herds on DHIA for the month of March, 1981

OWNER	NO. COWS	LBS MILK	% FAT	LBS. FAT
Fred A Knowlton	37 9	66.8	3.4	2 29
Floyd Long	38 9	52 2	4 2	2 19
Ivan Kibbe Jr	89 5	53 3	4.1	2.19
Jack Thomas	50 1	54 8	4 0	2 17
Ivan Smoker & Sons	97 2	57 4	3.8	2 16
C Wayne Warriner	18 1	51 4	4.1	2 10
Wiliam Butler	71 8	55.1	3.8	2 09
Frank N Lent	39 0	54 4	3.8	2.06
John C Traub	38 9	57 0	3 6	2.05
S Michael Greene	21 1	53 6	3.7	1 96
John & Cindy Snyder	33.5	48 6	4.0	1 96
George Barker	65 6	51 5	3.8	1 95
Craig Torrey	26.1	54 5	3.5	1 93
Paul Buck	24.0	44.9	4.3	1.91
Maynard Sherman	56.4	54.2	3.5	1.90
Dan Tice	37.0	48.8	3 9	1 90
William Currier	50.0	48 8	3 9	1 89
Kevin Risser	47.8	50 4	3.7	1 86
Alvin Miller & Sons	101.5	44 8	4 1	1 85
Robert F Greene Jr	31 6	46 5	3 9	1 83
Leonard Kenyon	43.8	33 6	5 4	1 83
Kenneth Lambert	51 0	44.0	4.3	1 83
Raymond E. Buck	29.5	51.3	3 5	1 82
Dean Lampman	45.9	46 9	3 9	1 82
Jay N Heisey	71 5	47.0	3 7	1 78
Robert Fowler & Sons	80.5	52.0	3 4	1 77
Carl Erway Farsm	88.9	51.5	3 4	1 75

Lactation records for Potter County for March 1981 for cows over 750 pounds butterfat are

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS MILK	% FAT	LBS. FAT
Guy Dunn						
Fela	H	6-5	299	21,407	3 9	830
Ivan Kibbe Jr						
Sleepy	H	9-2	305	18,777	4 6	873
Alvin Miller & Son						
No 229	H	4-8	292	20,206	3 8	770
George Barker						
Milky	H	6-1	305	22,179	3 4	755
Ivan Smoker & Sons						
Toot	H	6-6	305	24,264	3 6	875
Esther	H	1-4	305	19,753	4 0	799
Carl Erway Farm						
No. 106	H	6-6	305	18,548	4.5	862
Jack Thomas						
Dely BS	H	6-4	305	17,878	4.5	809
C Wayne Warringer						
Jo-Ella	H	3-1	305	20,064	3.9	788
Jay N Heisey						
Raylene	H	5-3	305	20,159	4.2	839
Dale Hoffman						
Queen	H	4-2	305	22,664	3 3	759
Kevin Risser						
Jody	H	5-1	305	26,811	3 5	925
Kenneth Lambert, Ulysses						
Diamond	H	5-7	305	22,440	4 5	1006



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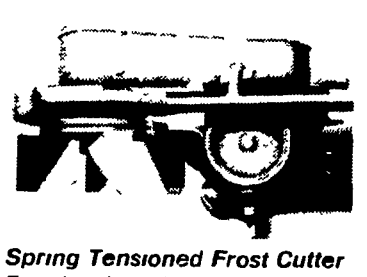

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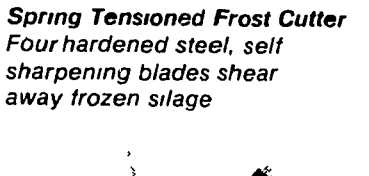

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PD +$154	+1,246M	-.01%	+43F

HFA 7/80 36 Class. Dtrs. Age Adj. Sc. 81.4
PDT +1.19 RPT 66% TPI +413

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9 00 2X 365d 26880M 3 7% 991F
Lifetime 2318d 154810M 3 8% 5865F

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Greenhouse uses power plant's waste heat

DANVILLE — Kenneth G. Bryfogle Jr., a northeastern Pennsylvania commercial greenhouse operator, is using a unique heating system for his facilities near Danville.

Waste heat from the Montour Steam Electric Station of Pennsylvania Power & Light Co., located 10 miles north of Danville in Montour County, is used to warm Bryfogle's three-acre greenhouse complex. An underground system is used to carry warm condenser-cooling water from the plant to the greenhouse, located about a half mile away.

"The project is designed to demonstrate how energy can be saved by tapping heat that has been previously wasted," said Heinz G. Pfeiffer, PP&L's manager-Technology & Energy Assessment.

"The experiment has great potential in helping to find practical and cost-effective ways of conserving fossil fuels.

The production of electricity results in large amounts of heat being rejected through the cooling system of a generating station. This discharge heat is usually either vented to the atmosphere or discharged through cooling water.

A 20-inch diameter pipeline, buried three feet underground, transfers the warm condenser-cooling water from the plant to the greenhouse. The system uses 7,000 feet of piping to establish a loop to supply the warm water to the greenhouse and return it to the power plant.

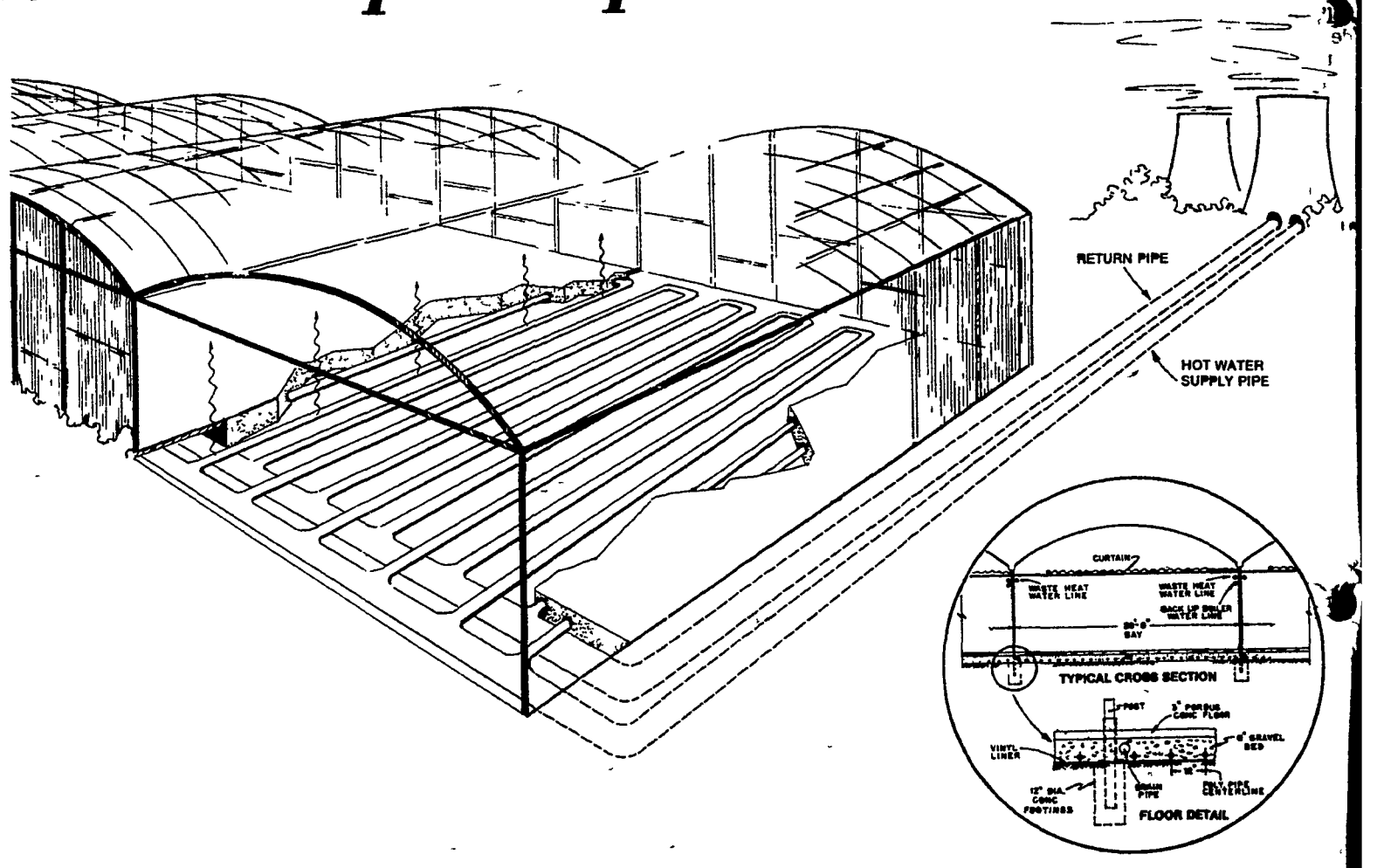

Diagram shows a unique warm floor heating system which is being used in a greenhouse complex near Danville. The greenhouse facility is heated with discharge heat from the Montour Steam Electric Station of the Pennsylvania Power & Light Co. An underground pipe system carries warm condensor-cooling water from the power plant to the greenhouse. The water heats the floor of the facility to about 70 degrees. Also shown are a cross section of the greenhouse and detail of the floor heating system.

Inside the greenhouse, 3/4-inch diameter plastic pipes are embedded in gravel just beneath the porous concrete floor. The pipes, spaced about a foot apart, would total almost 24 miles if placed end-to-end.

The warm water flows from the supply pipeline to the pipes beneath the greenhouse floor. When the water reaches the greenhouse, it is between 95 and 115 degrees Fahrenheit. The water

(Turn to Page D15)

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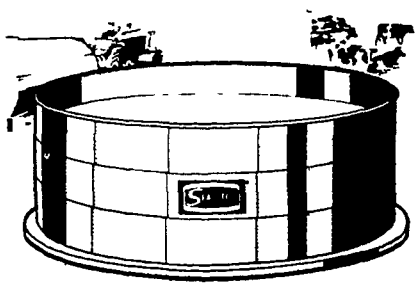

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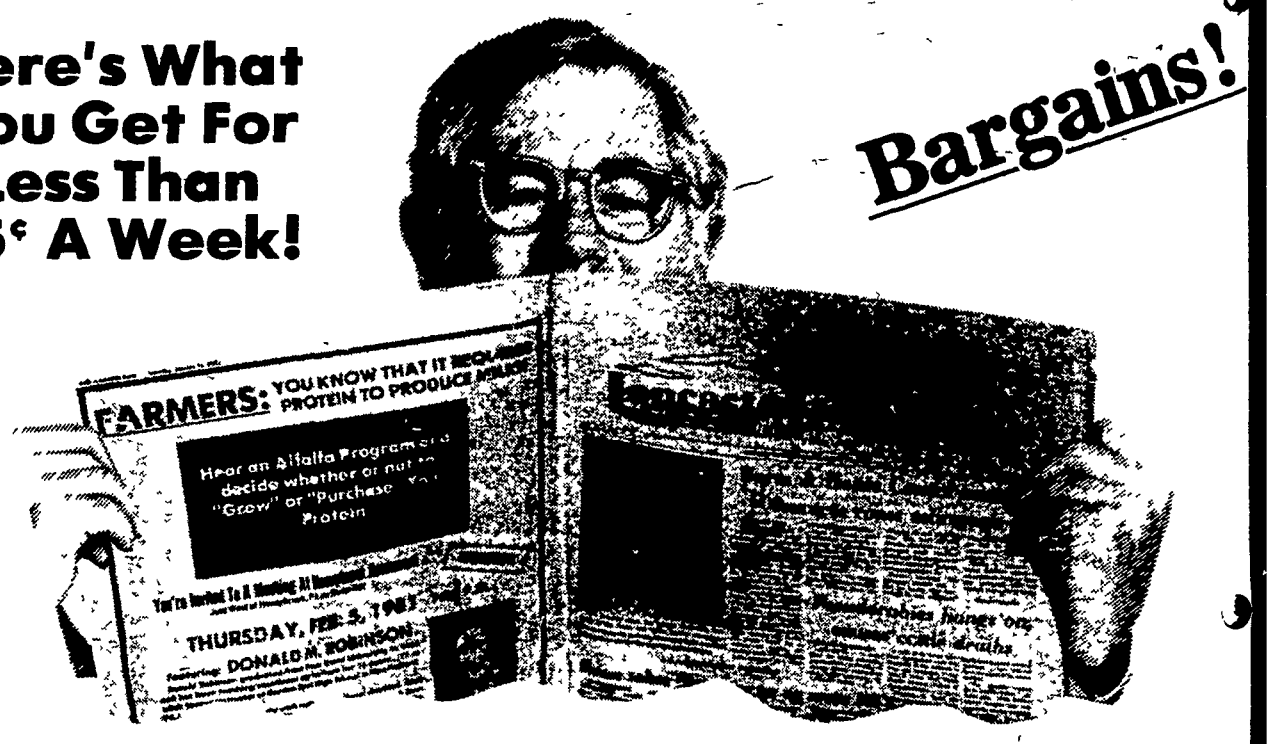
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Unique greenhouse

(Continued from Page D14)

heats the greenhouse floor to about 70 degrees.

This one-of-a-kind warm-water, floor-heating system is the key component of the research project. The system, designed at Rutgers University engineering research laboratories, was constructed by Bryfogle. PP&L crews built the supply and return pipeline system between the plant and the greenhouse.

An anthracite-fired backup boiler, which provides heat in extremely cold weather or during periods when the plant reject heat is not available, has seldom had to be used. In addition, the warm floor of the greenhouse appears to provide a better growing environment than a conventional greenhouse, and employee comfort is considerably improved.

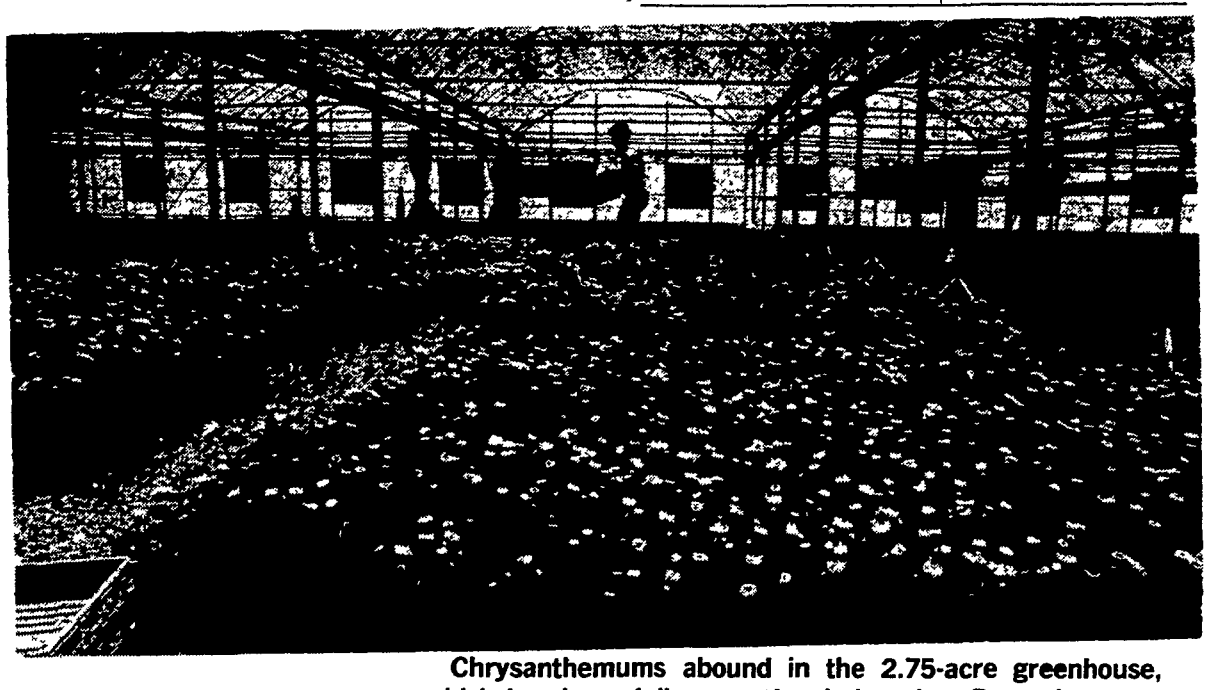
A variety of plants, including poinsettias, pot mums, chrysanthemums, Easter lilies and gloxinias, already has been successfully grown at the greenhouse.

The greenhouse heating system uses less than one percent of the waste heat from the Montour plant. If the experiment continues to be encouraging, the greenhouse could eventually be expanded to as much as 20 to 40 acres, Pfeiffer said.

Rising energy costs have crippled the greenhouse industry in the Northeast, which has traditionally relied on fuel oil for space heating.

The rising costs have driven many greenhouse operations out of the Northeast. Southern states and foreign countries with warmer climates have been able to capture

(Turn to Page D16)



Chrysanthemums abound in the 2.75-acre greenhouse, which has been fully operational since last December near Danville, Montour County. Owned by Kenneth G. Bryfogle, Jr., the greenhouse complex has been used to raise a variety of other flowers, including poinsettas, fuchsias, Easter lilies and gloxinas.

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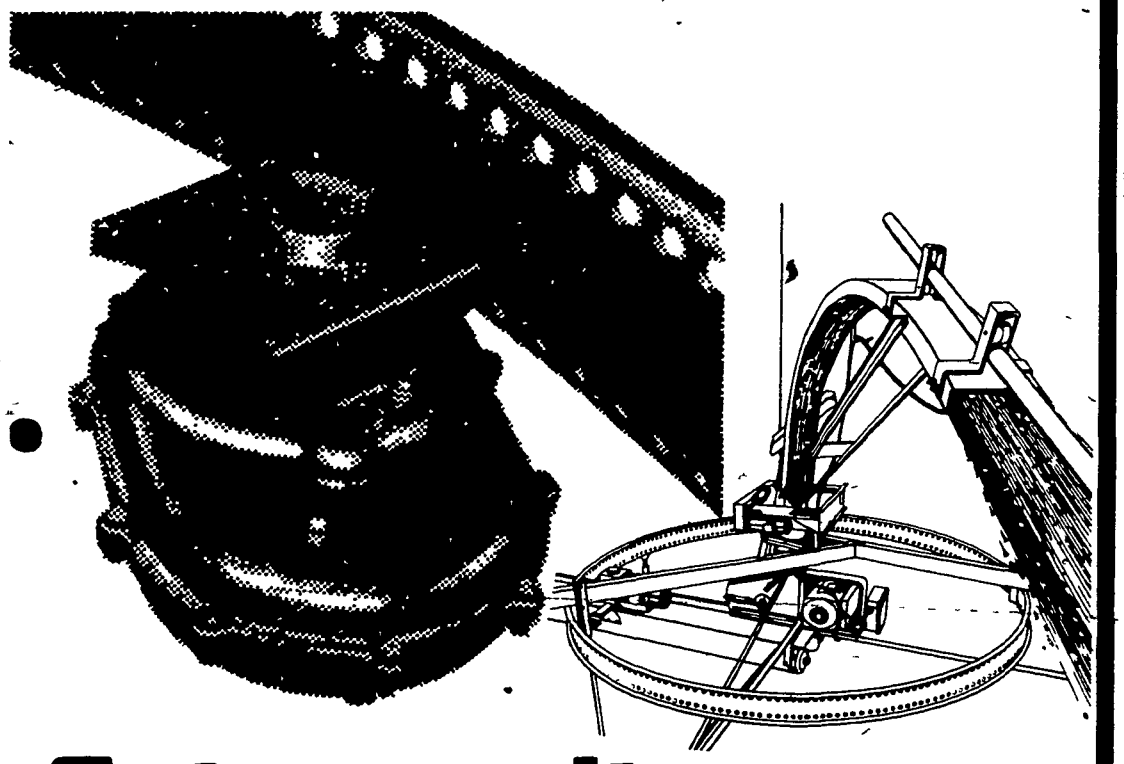

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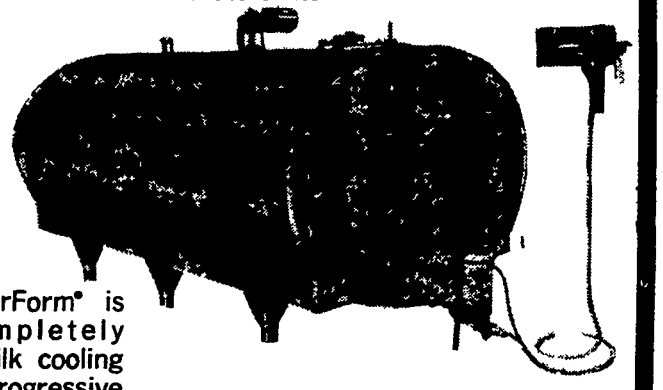

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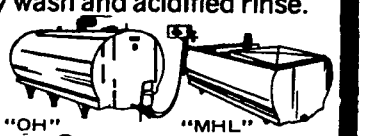

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Boost sow productivity to stay afloat in hog business

NEWARK, Del. — Have you heard the story about the farmer who heard a disturbance in his hog house one night and took his gun along to investigate? He found a thief had loaded a few pigs on a truck and was ready to leave. He held the gun on the thief and made him take the whole herd.

Tell swine producers they need to raise more pigs per sow to stay in business today and some will laugh at the suggestion they feed more animals when they're already losing money. But there are other farmers who say even though they lose money on a per-head basis, they make up for it in volume.

Right not the greatest single factor in staying in business for the commercial sow herd owner is the number of pigs produced per sow per year, says University of Delaware Extension livestock specialist Richard Fowler. Gross returns double when the annual number of pigs weaned per sow increases from 12 to 20.

Most producers who can afford to stay in business are weaning enough pigs to break even.

It takes 83 sows weaning 12 pigs each a year to produce 1000 head of hogs. The number of sows drops to 50 if each one produces 20 pigs a year. The 33 sow difference means about 33 tons of feed at approximately $200 per ton or $6000 a year in sow feed savings.

How can producers increase litter size? One way is to reduce the interval between farrowing and conception. This can be done by reducing lactation length and the period between weaning and conception, says Fowler.

In theory, the number of litters per sow per year can be increased 0.1 percent by shortening the lactation period by one week. Lactation periods of less than three weeks may cause inconsistent post weaning estrus. Conception rates will also be lower.

Very early weaning also affects subsequent litter size. Three-week weaning works best with a cage or deck system, but baby pigs often have a lag in growth when weaned that soon. Recent research suggests four-week weaning is best for both the sow and her pigs.

The period between weaning and conception affects sow productivity. Sow anestrus is a serious problem — especially during late summer. Although all the reasons for summer infertility aren't clear, boar presence has a stimulating effect on sow breeding activity, so housing systems should take into account the effect of sow and gilt proximity to boars. Fence line contact is important for both developing gilts and newly weaned sows.

Ovulation rate or the number of eggs available for fertilizing also affects productivity. A sow ovulates about 17 eggs. Gilts increased in ovulation rate when fed an additional pound of feed 10 to 14 days before mating.

Some producers withhold feed from sows on the day of weaning to get better drying off. But research now shows that such starvation has a harmful effect on conception rate and the amount of time from weaning to estrus.

Instead, feed about six pounds per sow daily during the first week after weaning. Ovulation rate increases from the first to second heat and from the second to third heat. Gilts studied averaged 8.7, 9.8 and 10.2 pigs respectively on their first, second and third heats.

Selection is another way to maintain high reproductive efficiency in the sow herd. Identify replacement gilts from sows that have a good record. Cull sows that don't cycle 4-7 days after weaning or gilts that don't show estrus at eight months. Good records are important in accomplishing these goals.

Unique greenhouse

(Continued from Page D15)

the floriculture market.

Commercial greenhouses use about two gallons of fuel a year to heat each square foot of growing area. At today's oil prices, heating a 120,000-square-foot greenhouse with power-plant reject heat could save the owner between $100,000 and $125,000 annually.

The research project is designed to make use of an inexpensive, abundant, reliable and underutilized heating source, PP&L has been interested in using this heat for many years, and has in the past engaged in other research projects designed to use power-plant discharge heat.

If power-plant reject heat is harnessed and used on a large scale, it could help to limit PP&L's systemwide load growth and thereby tend to reduce the utility's need to add new generating capacity.

In addition, many energy-saving concepts will be experimented with in the greenhouse for possible adaptation by residential, industrial and commercial customers.

Several agencies and PP&L worked with Bryfogle in developing a financing package for the $1.2 million commercial greenhouse project.

Recognizing the significance of the project in finding new ways to conserve fossil fuels, the Appalachian Regional Commission approved a $350,000 federal grant for the project through SEDA-COG, a Lewisburg-based regional development organization.

The Pennsylvania Industrial Development Authority approved a $316,650 loan through the Greater Danville Development Corp. for the project. The remainder of the money was borrowed through the Lycoming County Industrial Development Authority and Northern Central Bank of Williamsport. PP&L received permission from the Public Utility Commission to guarantee a portion of the loans, with Bryfogle himself backing the remainder of the loans.

PP&L constructed the $700,000 pipeline system from the plant to the greenhouse. Bryfogle is leasing the land from PP&L, and after a two-year test period, he will pay PP&L for the warm water supplied by the plant.

State's cattle up

HARRISBURG — Pennsylvania cattle feeders had 70,000 cattle and calves on feed for slaughter market April 1, according to the Pennsylvania Crop Reporting Service. This total was up three percent from last year's 68,000.

Marketings of fed cattle during the January-March quarter, at 17,000, was 19 percent below the 21,000 marketed the same quarter a year earlier. Placements of cattle and calves on feed during the first quarter totaled 11,000, eight percent below the same period a year ago. Expected marketings during the April-June 1981 quarter, if realized at 30,000 would be up three percent from the same period in 1980.

In the 23 major cattle feeding states, cattle and calves on feed for slaughter market April 1 totaled 9.76 million head, down four percent from a year ago and 12 percent less than two years ago. This is the lowest April 1 number on feed since 1975.

Placements of cattle and calves on feed during the January-March quarter were 5.15 million, one percent fewer than in the corresponding quarter in 1980 and 12 percent less than the first quarter of 1979. Other disappearance, at 502 thousand head, leaves net placements of 4.65 million.

Marketings of fed cattle for slaughter during January-March totaled 6 million, down two percent from the same period last year and 11 percent from January-March 1979. Marketings and placements for the 23 states during the January-March quarter were the smallest since 1975.

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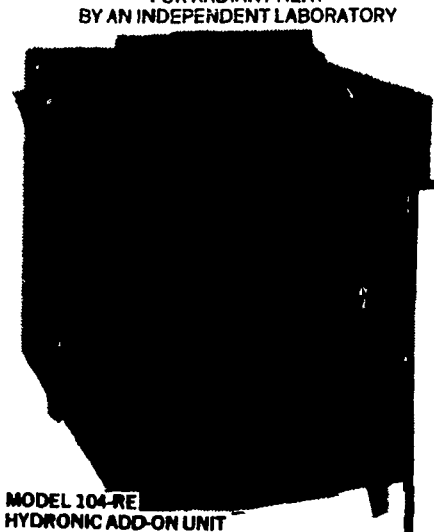

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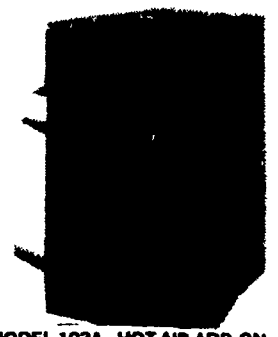

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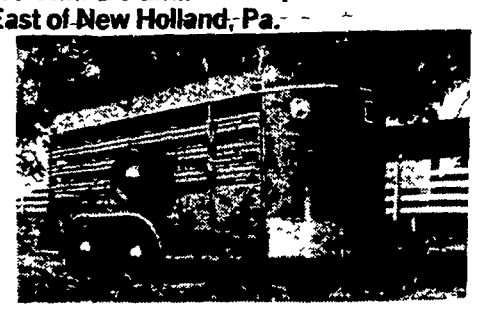

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Successful poultry fund drive ends

GEORGETOWN, Del. — Over 2,500 people ate chicken dinners at the Wicomico Youth and Civic Center on April 21. The occasion was the annual Delmarva Poultry Booster Banquet, which climaxed the 1981 fund drive for Delmarva Poultry Industry, Inc.

Banquet chairman, Gerald B. Truitt, Jr., declared that the $100-a-plate dinner was one of the biggest and best in DPI history.

Leon J. LaChance, DPI first vice president and 1981 fund drive chairman, announced that $289,100 was raised.

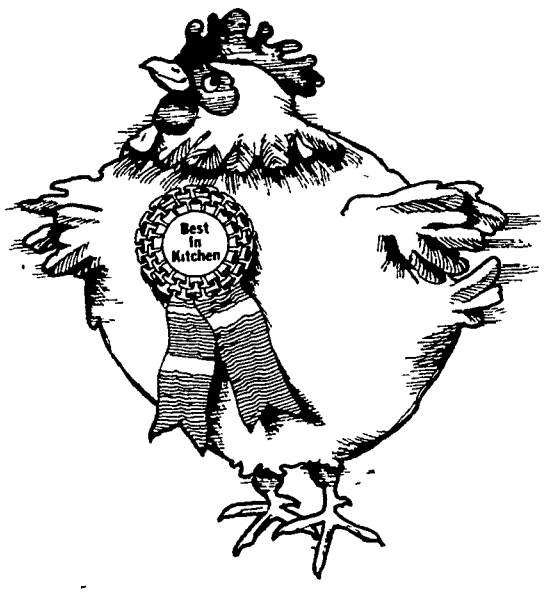
LaChance praised all the fund drive workers for their fine efforts in achieving the largest amount of money ever raised by the association to continue its work in product promotion, industry improvement projects and consumer information.

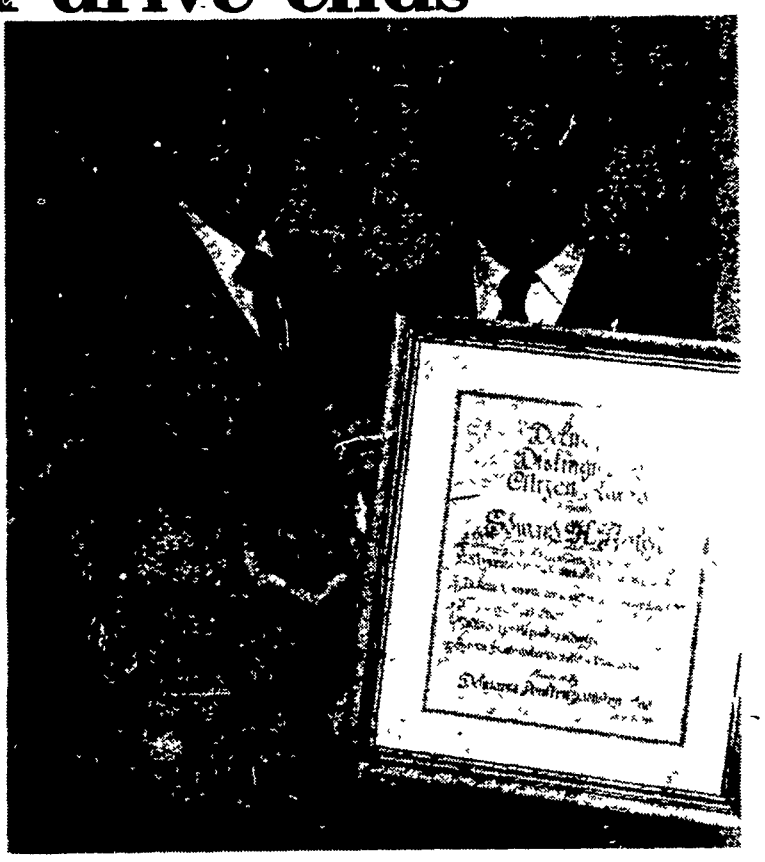
Special guests attending the banquet included U.S. Senators William V. Roth, Jr. of Delaware and Paul S. Sarbanes of Maryland, as well as Congressman Roy Dyson and Congresswoman Majorie Holt, both from Maryland. Roth and Sarbanes commended the poultry industry for its contributions to the Delmarva economy.

Robert K. Holland, DPI president, noted that Delmarva's closeness to its major markets gives it an advantage over many other broiler producing areas. He ended his remarks on the optimistic note predicting that the expected population growth in the world in the next twenty years will provide great opportunities for increased production of poultry.

DPI honored thirty-two outstanding poultry and hatching egg producers for their performance during the past year. These producers were selected by the companies with which they work as the best producers for the year.

Tom Maguire, farm director of WSBY and WQHQ of Salisbury, Md., was awarded the 1981 DPI Medal of Achievement. This award is presented each year to a public servant on behalf of the area's poultry industry. Maguire has long been considered the "voice of Delmarva agriculture" and through this reporting always has been a strong supporter of the poultry industry.





Tom Maguire, left, farm director of WSBY/WQHQ of Salisbury, Md., is the 1981 recipient of the "DPI Medal of Achievement." Edward H. Ralph, right, executive secretary of Delmarva Poultry Industry, Inc., was named by his own association as Delmarva's Distinguished Citizen for 1981. These presentations were made at the recent DPI poultry Booster Banquet which climaxed the 1981 annual fund drive. A total of $289,100 was collected and will be used for the continued progress of the poultry industry.

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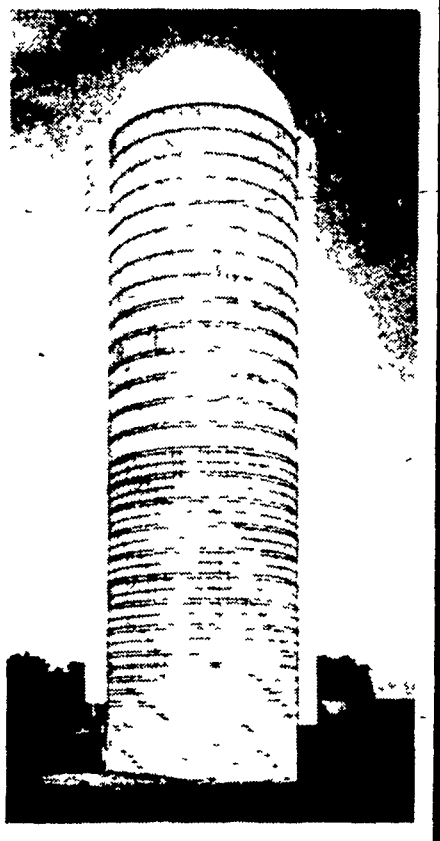

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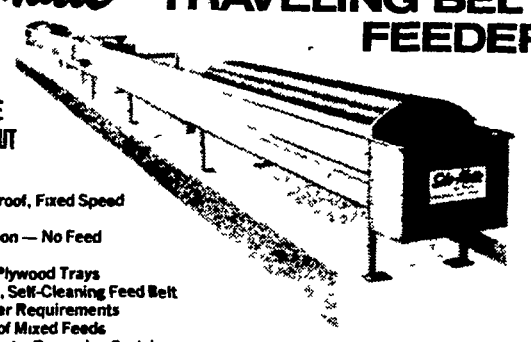

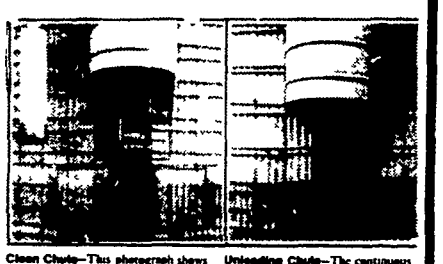

Clean Chute—This photograph shows the clean chute side of the Fickes silo. This system provides clean entry to the silo at all times. Doors are "refrigerator fit" Fickes Swingback hinged doors.

Unloading Chute—The continuous door column chute shown here with continuous door covers in closed position for loading silo.

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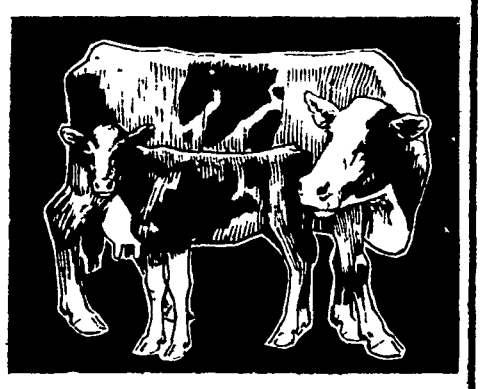

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Delaware prepares to battle gypsy moth

NEWARK, Dela. — Battle lines are being drawn up in Delaware against the gypsy moth. All indications are that this pest is going to be a serious problem in some parts of the state this summer—especially in northern New Castle County.

According to University of Delaware Extension urban entomologist Dale Bray, surveys taken last year by the state department of natural resources identified a number of potential "hot spots" in the county, including Alapocas State Park, the Westover Hills, Hockessin and Greenville-Hoopes Reservoir areas, and the Winterthur Museum grounds. There are other less serious infestations in other parts of the state.

Predictions of outbreaks are based on counts of moths captured in traps and on the presence of their egg masses. A single chamois-like egg mass may contain anywhere from 100 to 1000 eggs. They appear to be laid indiscriminately by moths and may be found on tree trunks, rocks, fences, trailer hitches, camping gear, in the wheel wells of trucks, and many other places.

Gypsy moth larvae start hatching out in late April or early May. They continue to emerge for about a month. From the time they hatch until they pupate eight weeks later, the caterpillars spend much of their time voraciously devouring tree leaves.

Depending on their sex, larvae go through five or six molts or instars as they develop.

The first instar tends to be flat headed with big eye-like protrusions on each side of its head and characteristic large tubercles with long tufted hairs on them.

After hatching, the young larvae climb to the tops of trees, trailing silken threads behind them, but they don't make "tents" or webs. When they reach the outer branches, they hang by these strands until the wind carries them to favorable feeding sites. The thread of silk and their long hairs make them so buoyant they may drift 20 miles or more on air currents before settling onto foilage to their liking. This is one way infestations spread.

By the fourth instar the larvae have developed characteristic markings—five sets of blue dots behind the head and six red double dots running down the rest of the back. By the time they're ready to pupate, they're between one and one-half and two and one-half inches long.

Favored food plants of the caterpillars in all stages include the alder, apple, aspen, basswood, birches (gray, river and white), boxelder, hawthorn, hazelnut, larch, mountain ash, spruce, sumac, willow, witch hazel, and all species of oak (their special favorites). Older larvae are also quite partial to beech, chestnut, all kinds of pines and spruces.

Bray says they'll also accept black or yellow birch, cherry, cottonwood, elms, blackgum, hackberry, hickories, hornbean, maples of all kinds, pears, sassafras and sweetgum.

One reason for the present buildup of Gypsy Moth populations in the state is the extremely dry weather last year. This kept the spread of Gypsy Moth diseases to a minimum and may have taken a toll of natural enemies.

Large populations may suddenly collapse or decline under pressure from parasites, predators and disease, or from starvation when available food supplies have been consumed. Infestations in the Northeast have followed anywhere from a three to five year cycle.

No one knows what to expect yet in Delaware, though Bray is inclined to think that in the long run the state will experience less severe outbreaks than those reported in other parts of the Northeast, both because so much of the land is flat, and because the general tree mix is less attractive to the pest.

According to the entomologist, there are only a few spray materials for use against the Gypsy Moth which have proven effective.

The most thoroughly tested, effective insecticide is carbaryl (Sevin). Though there was some public opposition to its use in New Jersey last year, the manufacturers subjected it to intensive tests which appear to have convinced EPA authorities that it does not pose a human health hazard are recommended for use against the Gypsy Moth.

Care must be taken to protect honey bees from Sevin, however.

"If you're going to use Sevin, be sure to notify beekeepers in the area so they can protect their bees," says Bray.

By covering hives with moist burlap and keeping this moist, they can confine their bees for up to three days. This should be long enough to protect them from the insecticide.

"If you have any pollen," he adds, "it would be a good idea to feed this to the bees while they're shut up, since young workers will need the food."

Do not treat with Sevin when leaves are wet or when high humidity or rain is expected within 48 hours. This material injures Boston Ivy, Virginia creeper and maindenhair fern, he warned.

Other chemicals which have proven reasonably effective against Gypsy Moth are acephate (Orthene), phosmet (Imidan, and Dylox. Orthene is also toxic to honey bees, while Dylox may injure carnations, hydrangeas and zinnias.

There also is a biological insecticide — Bacillus thuringiensis — which can be used against Gypsy Moth instead of chemical insecticides. This comes in a number of commercial formulations of which the most effective is Dipel 4 L, says Bray. Other trade names for this disease - causing insecticide are Thuricide, SOK, and Biotrol.

One problem in treating the Gypsy Moth is that all the larva don't emerge at once. This makes control harder. They're easiest to control right after hatching, while they're still tiny.

"You should spray twice no matter what material you use" says the entomologist, "Once in early to mid May and again toward the end of that month, depending on how the growing season goes and when emergence begins. If the weather is wet and cold, spray later. If it's warm and dry, you may need to spray early."

Bray has prepared a fact sheet on the gypsy moth and its control. For a free copy, call the county extension office in Newark, 302/738-2506.

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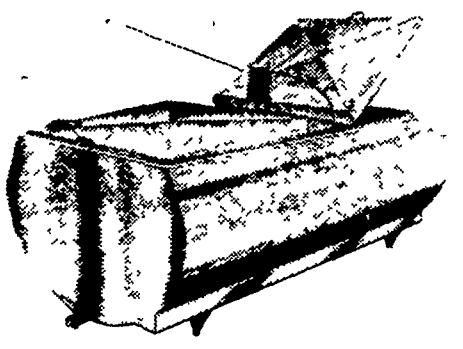

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DER predicts record gypsy moth infestation

HARRISBURG — The Pennsylvania Department of Environmental Resources Wednesday announced that the gypsy moth infestation may reach record-breaking proportions this year, with nearly two million acres of woodlands expected to be severely defoliated.

James O. Nichols, chief of DER's Division of Forest Pest Management, said the department plans to spray 175,000 acres of gypsy moth-infested forested residential and recreational areas this spring in 25 counties, about 10 percent of the total infestations.

He said the spray program, expected to begin about mid-May when the caterpillars are fully hatched, is designed to alleviate the caterpillar impact on high-use areas. Utilized will be the environmentally safe insecticide Dylox, which is registered and deemed safe for use over populated areas by the U.S. Environmental Protection Agency.

"Spraying is coordinated with county governments, which initially propose the treatment areas," said Nichols.

"Residents within treatment areas will be notified of spraying times by the county commissioners. Those who do not want their properties treated may have them excluded but, in such instances, much of the neighboring land also would be excluded to provide for a 500-foot no-spray buffer zone.

"The entire spray program," Nichols added, "should be completed by mid-June."

Thirteen helicopters, from three firms will handle the spraying, usually during the early morning hours when winds are minimal, and personnel from the department's Bureau of Forestry will supervise these treatments.

Nichols added the Department also will be conducting experiments with the biological spray, Bacillus thuringiensis (BT), to develop procedures to enhance parasite activity in infested areas. This spray kills only leaf-eating caterpillars, leaving a higher parasite/gypsy moth ratio, but it must be applied twice to infested areas, thus costing more then Dylox.

Counties where spraying will take place and the areas to be treated are:

Blair, 2117; Bucks, 1116; Carbon, 2997; Centre, 13,162; Chester, 2262; Clearfield, 420; Clinton, 105; Columbia, 200; Cumberland, 3,396; Dauphin, 996; Delaware, 1551; Huntington, 558; Juniata, 1050; Lackawanne, 5017; Lancaster, 705; Luzerne, 9267; Mifflin, 2765; Monroe, 65,171; Montgomery, 1539; Northampton, 555; Perry, 2195; Pike, 27,561; Schuylkill, 414; Wayne, 6267; York, 4144.

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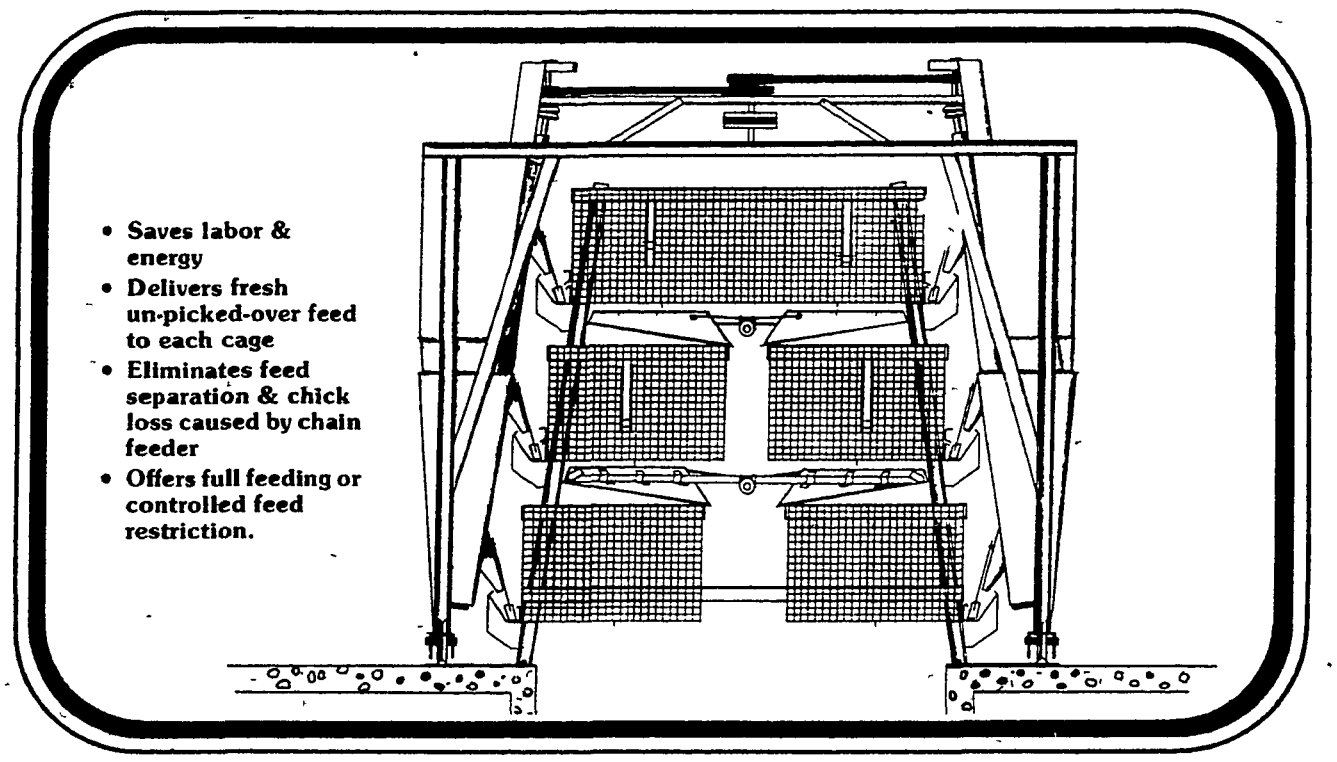

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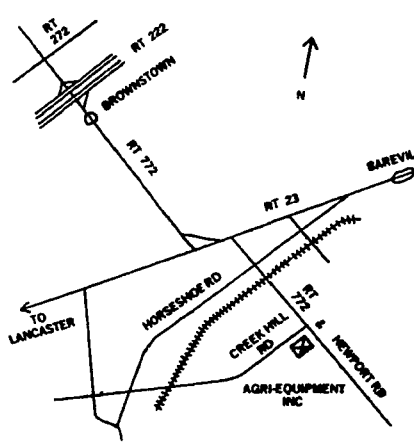

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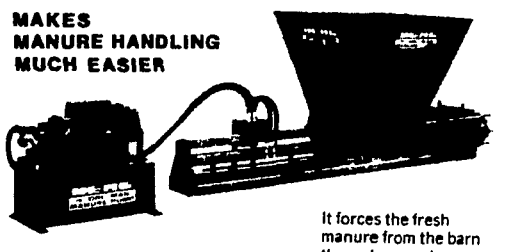

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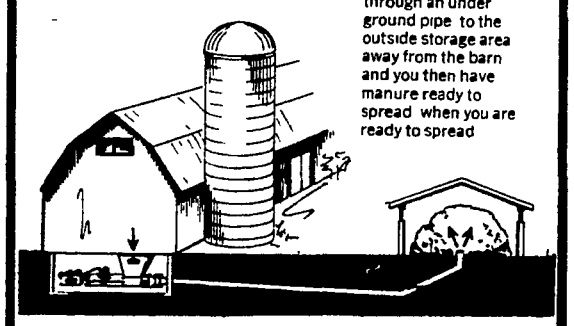

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Delaware offers A.I. short course for swine producers

NEWARK, Del. — Artificial insemination is a standard practice on dairy farms today. And it could become equally effective for swine production, suggests University of Delaware Extension livestock specialist Richard Fowler.

"It's an opportunity to close herds to incoming stock — thus reducing the danger of disease," he notes. "It permits producers to mate top sows to outstanding boars at stud in other parts of the country. It also permits a group of local producers to share the cost of a boar they couldn't otherwise afford and collect semen from him to mate sows on their own farms."

Presently there is only one boar stud, in Eldora, Iowa, that supplies frozen semen to swine producers. Litter size and conception rate aren't as good with frozen semen as with fresh, but as AI technology improves, this may become less of a problem.

But a grower doesn't have to rely on frozen semen to use AI on his herd. Researchers at the swine facility at the University's Georgetown Substation have trained a boar for AI use and are now successfully mating as many as five or six females from a single ejaculate. With the fresh semen, there's no reduction in litter size or conception rate. The practice makes it possible to extend the use of better boars.

An Extension short course on swine AI for Wednesday, May 13, at the Georgetown Substation. Sessions will start at 9:30 a.m. in the substation meeting room and will later move to the swine barn.

Subjects to be covered during the day-long course include: boar training and collection, heat detection (when to breed), breeding procedures, handling fresh and frozen semen, laboratory procedures and equipment.

Program participants include Dr. Vern G. Pursel and Dr. Larry Johnson, USDA, Beltsville, Md.; Delaware and Maryland Extension livestock specialists Richard Fowler and Tom Hartsock; and Substation swine manager and assistant swine manager, Ralph Lowe and Jennings Foskey.

The course is limited to 15 people. Registration costs $20 per person. This fee covers AI equipment that will be used during the course and will belong to each participant after it is completed.

Deadline for registration is May 6. For further information or to register, call Extension livestock specialist Richard Fowler, 302/738-2523.

Housing takes toll on rural land

HARRISBURG — More than 40 percent of the Nation's housing constructed in the 1970's was built on rural land, some of it highly productive farmland, a U.S. Department of Agriculture official reported.

Norman A. Berg, Chief of the USDA, Soil Conservation Service, said information gathered for the recently completed National Agricultural Land Study and in recent agency inventories reveals rural housing, as well as expanding cities, is a competitor for farmland.

"Lots for new residence for nonfarming families ranging up to 10 acres are common in rural areas where central sewer and water services are not available," said Berg. "These residential farmetts are taking an increasing amount of agricultural land out of production."

The Nation's agricultural land is converted to nonagricultural uses at the rate of more than 2 million acres a year, according to the agency head. About one-third of the converted acres is cropland.

Graham T. Munkittrick, State Conservationist for the Soil Conservation Service, added Pennsylvania is one of the states where farmland loss is a problem. According to Munkittrick, 45 percent of the good farmland is located in the southeast, the most rapidly urbanizing part of the State.

Counties such as Lancaster are losing up to 8000 acres annually, nearly all top quality farmland.

Munkittrick emphasized the Soil Conservation Service will assist local governments desiring to preserve good farmland by providing information on soils and land productivity.

"However, land use is a right and responsibility of local government, concluded Munkittrick.

xxx

When you need a quick and easy appetizer, try Snappy Cheese Nachos. Place 36 round tortilla chips on an unbuttered baking sheet. Combine one and one-half cups (16 oz.) shredded Cheddar cheese, three tablespoons each picante sauce and chopped green onion; mix well. Place about one tablespoon cheese mixture atop each tortilla chip. Bake in a moderate (350°F.) oven about ten minutes or until cheese melts. Remove from baking sheet and serve at once.

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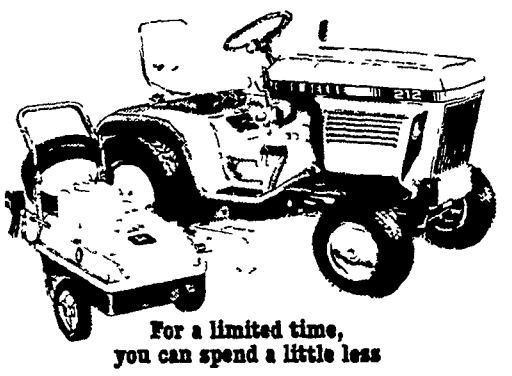

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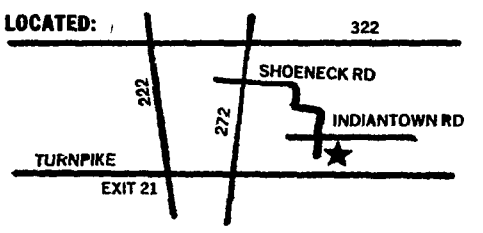

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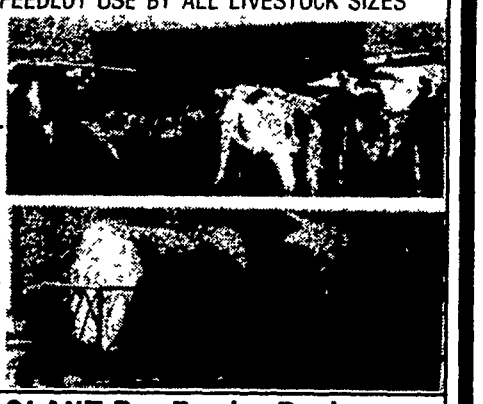

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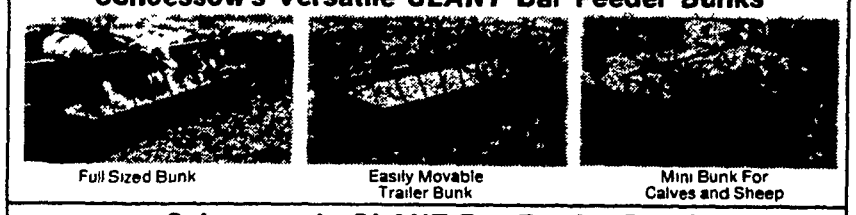

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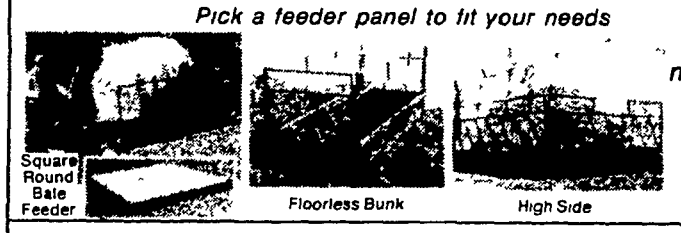

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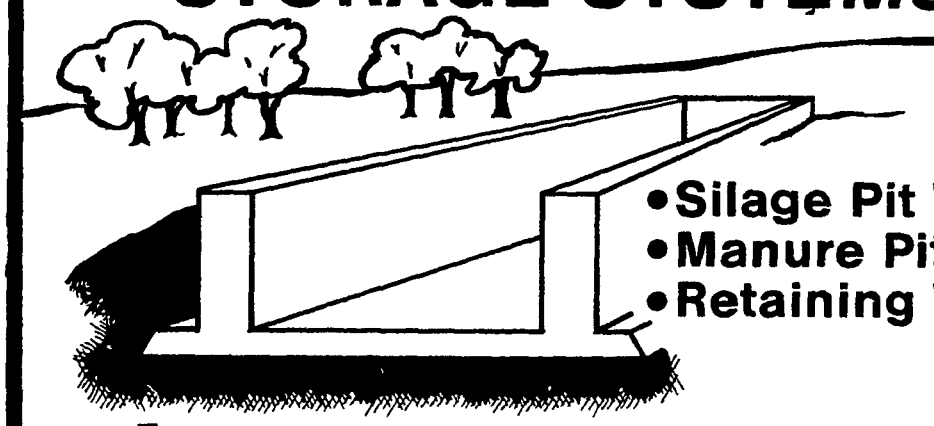

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Sale Reports

A dairy dispersal was held April 25 by Edwin and Larry Noble, 2 miles off the Dimock to Brooklyn Road, Susq. Co.

The top cow sold for $1575, the 2nd for $1470 and many brought between $1300 and $1500. The average of the 80 grade Holsteins (5 Guernsey's) was $1100.

Other prices were: M.F. #520 12' disc $2525, Chev. pickup truck $290 and hay about $1.50 per bale.

Jim Adriance & Sons were the auctioneers.

xxx

An auction of real estate was held April 25 of a 178 acre farm, 20 miles west of Selinsgrove, Snyder Co., McClure.

The property included an 8 room frame dwelling, 2 car garage, barn, machinery shed, 2 story wagon shed, 2 wire corn cribs and 150 acres tillable and was sold for $119,000.

Sale conducted by Whitford Sales Co., L. Robert Frame, Auct.

xxx

A Public Auction of power, hand and shop tools was held April 25 for the estate of William O'Neal, 316 Dewey St., Nescopeck, Luzerne Co. There were 337 registered buyers present.

Prices were: Lincoln welder $110, oxy-acetylene torch outfits $220 & 210, floor jack $110, radial arm saw $260, air compressor $230 and band saw $210.

Auctioneers were Albert Broyan & Dennis Briggs.

xxx

The 10th Wayne County Club Calf Sale was held April 25 at the Wayne County Fairgrounds, 1 mile north of Honesdale. It was a very good sale.

The top priced calf sold for $4200, the 2nd high sold for $3800 and the 3rd high sold for $3750. There were five calves over $3000. The average of the 60 animals sold was $1280.

Auctioneer was A. Doty Remsburg.

xxx

The Remvale Farm milking herd and bred heifer dispersal was held April 22, on the farm 2 miles west of Frederick, Frederick Co., Md.

There were two registered Holsteins sold for $6000 each and one cow sold for $5700. The 62 head of registered Holsteins brought an average of $2175.

Sale Manager Remsburg Sale Service.

xxx

An Auction of antiques and household goods was held April 17 for the Paul J. Clemmer Estate, 5 miles north of Boyertown, Berks Co. There were 429 people registered for the sale.

Items sold included: 94 piece Flow Blue dishes $1025, 3 oak bedroom butes $675 to $725 each, Grandfather clock $1500, Kohler Campbell piano $425, oak victrola $210 and J.D. 70 tractor $1100.

John D. & George D. Frey were the auctioneers.

Looking For THE UNUSUAL? Find It In The CLASSIFIEDS.

Public Sales Register

Closing Date - Monday, 5 00 P.M of each week's publication

MAY

SAT MAY 2 - Hubert Charolais Ranches SALE - a dispersal of the Missouri division, at the ranch, Richards, Missouri Sale managed by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067

SAT MAY 2 - Tenth Annual Consignment Sale Mt Zion Rd Church of the Brethren, Fredericksburg Fireman's Park, Rt 343, Lebanon Co, PA 8 Auctioneers

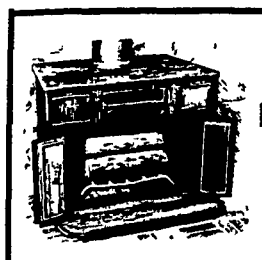
SAT MAY 2 - Juniata Co Real Estate, Located 1 mile north of McAlisterville along Rt 35, Long Bros. Auctioneers

SAT MAY 2 - 11 00 A.M Public Sale of Real Estate, Antiques, and Household Goods Located 5 miles south of Quarryville off Rt 222 at Little Britain Rd to Ashville Rd., east to Taylorla or 6 miles north of Oxford west off Spruce Grove Rd Sale by Mary E Whiteside Auctioneers Lloyd H Kreider, Randal V Kline and Gary L Shirk

SAT MAY 2 - Show 2 00 Sale 7 00 Pennsylvania State Shorthorn Sale, held at Mercer 4-H Grounds, Mercer, PA For catalogs write Harry Foulk, Rd 2, Mercer, PA

SAT. MAY 2 - 9 A M Consignment Sale held by the Mt. Zion Road Chuch of the Brethren. Located at Fredericksburg Firemans Park

SAT MAY 2 - 1 P M Stock Reduction Sale of Lawn & Garden Equipment Located off Ephrata exit Rt 222, 1 mile West on 322, left on Pleasant Valley Rd Owner Wes Stauffer Sales & Service Auctioneers John D. Kilmer & George E Stone, Jr.



Hydro Heater, Conestoga & Baker Stoves Or Fireplace Inserts
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J & A STOVES
3752 East Newport Road, Gordonville, Pa. 17529
ROUTE 772 - ½ MILE EAST OF INTERCOURSE
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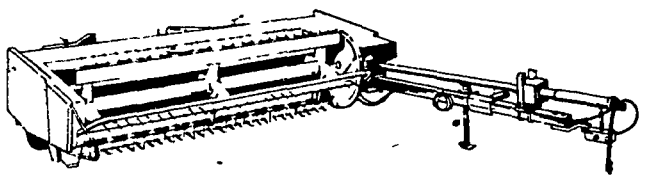
HIGH PRESSURE WASHING
OF POULTRY HOUSES AND VEAL PENS
BARRY L. HERR
1744 Pioneer Road, Lancaster, Pa.
Phone: 717-464-2044

Make Hay With Avco-New Idea...
IT'S HAY TOOL SALE TIME!
NEWLY DESIGNED WIDER CUT MOW/DITIONER

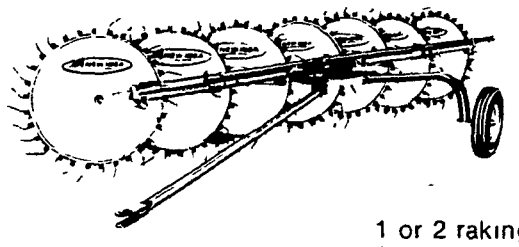


NEW IDEA MODEL 299 . . . A HIGH CAPACITY WORKHORSE

Heavier, tougher MOW/DITIONER does three jobs in a single pass. Cuts a full 9 ft. 3 in., conditions, and places prepared crop in a fluffy fast-drying swath or windrow. Spiral Press rolls and Quick Response header provide reliability, performance and styling. Try a new MODEL 299 MOW/DITIONER on your farm . . you'll like its quality and economy.

AVCO NEW IDEA FARM EQUIPMENT
We get our best ideas from you

SPEED WHEEL RAKES . . . built to last!



MODEL 404

This low cost, speedy windrow builder is efficient and effective in any type of field Rakes up to 11 feet in one pass by simply adding 1 or 2 raking wheels to the 5 standard rake wheels Simple design minimizes maintainence and holds down costs!!

The independent, counterbalanced raking wheels follow irregular ground contour with ease for maximum. efficient raking

Mowditioners, Cutditioners - 7 & 9 Ft., Wheel Rakes and Bar Rakes are on our lot ready for pick-up or delivery.

SPECIAL NEW IDEA MOWDITIONER
Equipped With Cylinder And Hoses
Regular Price $5995
Heisey Cash Allowance ..... - $1000
Sale Price $4995

BEFORE YOU BUY YOUR HAY TOOLS...SAVE WITH US!
HEISEY FARM EQUIPMENT, INC.
SALES, SERVICE & PARTS
• Leyland & Same Tractors • Taylorway-Dunham • New Idea • GT Dryers • Landoll • Dion
RD 1, Box 2294, Jonestown, PA 17038
Phone 717-865-4526
Located ½ Mile South of Fredericksburg
Off Rt. 343 in Shirksville
Business Hours:
7:00 A.M. - 5:00 P.M. Daily,
Saturdays til Noon
Evenings by Appt.

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SPRAY ON — BLOWN IN — FOAMED IN PLACE
1167 Snapper Dam Road
Landisville, PA 17538
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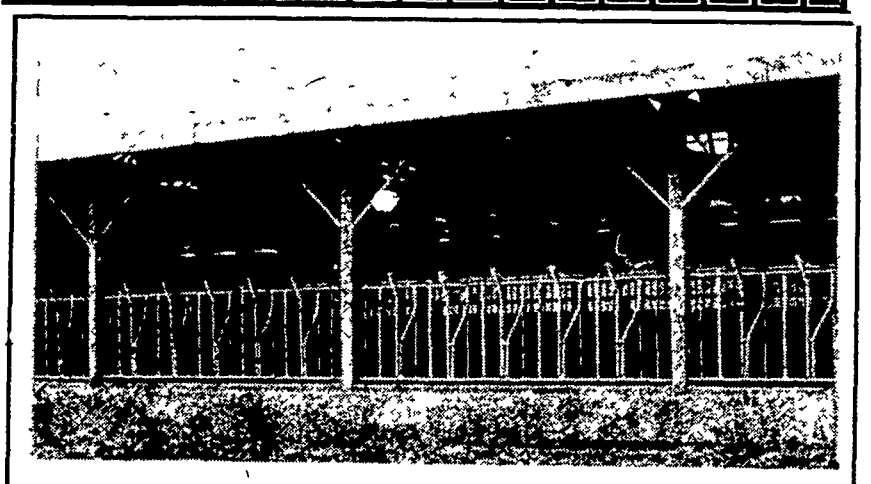
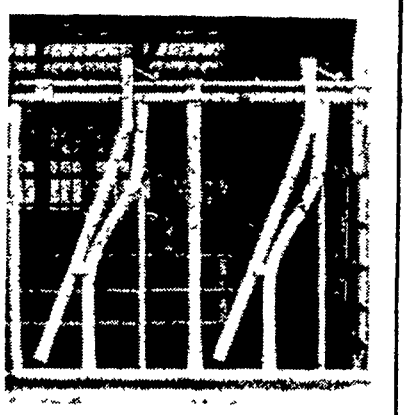


SELF LOCKING HEADGATES



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ALSO AVAILABLE
• Farm Gates • Free Stalls • Hay Banks • Silage Banks • Stock Tilt Tables • Blocking • Chutes • Portable Loading Chutes • Squeeze Chutes • Head Gates • Custom Steel Products • Round Bale Feeders

FREY BROS. MANUFACTURING
R.D. #2, Quarryville, PA 17566
717-786-2146

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

TUES MAY 2 - 6 30 P M Annual Heifer Sale at the Green Dragon Livestock Sales, RD 4, Ephrata, PA

SAT MAY 2 - Eastern States Morgan Horse Sale, Eastern States Exposition Grounds, West Springfield, Mass Mel Manasse Auctioneer 607-692-4540

SAT MAY 2 - 1 P M. Public Sale of Stock Reduction of Lawn and Garden Equipment located Ephrata Exit New Rt 222, ½ mile West on 322, turn left on Pleasant Valley Road Terms by Wes Stauffer Sales & Service, John D Kilmer and George E Stone, Auctioneers

SAT MAY 2 - Public Sale of Antiques, Collectibles, Rugs, Sterling Silver, Household, Located of 809 E Sunburg St, in Shamokin, PA 1 block east of Rt 61, Ines Gardiner Estate, Dockey and Dockey Auctioneers

MAY 2 - 1 00 P M Russell Kegg's Crown of Quality Pig Sale Held at the Bedford Fairgrounds, Bedford, PA Ken Brubaker Auctioneer

SAT MAY 2 - 9 00 A M Public Sale of Antiques, Household Goods, Butchering Equipment, Tools, Guns, Lots of Silver Coins, Located Rd 1, New Providence along Rawlinsville Rd, Providence Twp, Lancaster Co, PA (Take Rd 272 about 8 miles south of Lancaster, at railroad arch turn right onto Miller Rd, go about 1 mile to Rawlinsville Rd and turn left, go about 1 mile to sale near Clearfield Church, Mrs Silas Graybill Owner Howard Shaub and Roy C Probst Auctioneers

SAT MAY 2 - 9 30 A M. Public Sale of Real Estate, Antiques, Household Goods Located along Old Susquehanna Trail, just west of Exit 11 off I-83. Mrs Warren Martin Owner Blaine Rentzel Auctioneer

SAT MAY 2 - 1 30 P M. Feeder Pig Sale Located 1 mile south of Lebanon, PA Take Rt 897 north from Schaefferstown at Iona, turn on Mine Road, turn left at Fox Road (at Newmaster's Store) Conditions by Alvin H Martin Merle Eberly, Auctioneer

SAT MAY 2 - 9 30 A M Public Sale of Shop Tools, Farm Equipment, Quilts, Located midway between Gettysburg and Littlestown, PA at Two Taverns along Rt 97, formerly 140 Isaac Stoltzfus Owner Dennis J Plunkert Auctioneer

SAT MAY 2 - 11 00 A M Foothill-Acres Farm Milking Herd and Close bred heifer dispersal, at the farm, from the north take exit 1 from Rt 84 at Port Jervis, take NJ Rt 23 south 10 miles, turn right at Rome's High point Exxon onto Co Rt 519, follow 519 for 1½ miles & turn left onto Co Rt 647 for 1 mile Then turn right onto Coykendall and then bear left onto Armstrong Rd and first farm Ike Hamming Family R Austin Backus, Inc Sale Mgrs & Aucts

SAT MAY 2 - 10 00 A M Public Sale of Farm Equipment and Household Goods, also Large 32x70 Tobacco Shed to be removed Located between Mastersonville and Milton Grove midway between Chickies Church of the Brethren and Hiestand Bros Mill, Rapho Twp Ella Mae Keagy, Owner Rufus Geib, Auctioneer

SAT. MAY 2 - 9 00 Public Sale of Heifers, Steer, Household Goods, Quilts, Books, Misc Located 3 miles south of Chambersburg, Franklin Co, PA Turn west off US 11 onto Social Island Rd, ¼ mile to Shalom Christian Academy

SAT MAY 2 9 A M Public Sale of Tools, Household Goods, and Collectibles Located in the village of Bannerville, RD 2, McClure, PA Heg genstaller and Sons, Auctioneers 814-349 5387

SAT MAY 2 - 10 00 A M Public Sale of Farm Machinery, Misc, Trucks, Household, Trailers, Sawmill, Antiques Located B & N Stables, Largo, MD Washington Beltway (495) to Exit 15B, Central Ave (Rt 214) ¼ mile on left Jimmy Cox and Carol Burruss Auctioneers

SAT MAY 2 - 10 30 A M Farm Machinery, Hand, Lawn, Garden, Farm Tools and Supplies Located 2521 Laurel Bush Rd, 3 miles south of Bel Air via Emmorton Rd MD Rt 24 St Mary s Rd and Wheel Rd in Harford Co MD Carrington Sullivan Owner John H O'Neill and K C Travers Auctioneers

SAT MAY 2 10 00 A M Public Sale of Farm Equipment, located at his farm 1½ miles north of Rt 26 on the Houserville Rd at the Houserville and Lemont intersection 3 miles east of State College, PA or 1 mile west of Nittany Mall, State College, PA Centre Co Robert M 'Dick" Walters Owner P F "Bud" Wasson Auctioneer

SAT MAY 2 9.30 A M Public Sale of Farm Equipment, Tractors, Lawn & Garden Equipment, Clothing and Boots, Misc Farm Items Located 5 miles southwest of Harrisonburg, VA Directions Exit No 62 of I 81, go North on Rt 11 to first traffic light, turn left onto Mosbey Rd to Rt 42, turn left onto Rt 42, 1 block turn right onto 257 west, cross cement bridge, turn right onto Rt 738 1 mile to Shen view on left, Rockingham Co, Va John E and Paul E Martin Auctioneers

SAT MAY 2 9 30 A M Public Sale of Antiques, Furniture Clocks Hand Tools Located miles NW of Taneytown, Carroll Co, MD Turn off Rt 140, formerly Rt 97 at Baptist Rd, travel 1½ mile to sale Estate of John Daneker Calvin L Amoss Auctioneer

WISE'S COUNTRY AUCTION

SATURDAY EVE., MAY 2
7:00 P.M.

Located 4 miles south of Strasburg, PA at the White Oak Camp Ground.

Camping trailer (reasonable), truck camper shell. May 9 - 4 mag wheels, 13" bar & 4 swivel stools, metal office desk & chair, bicycle, draftsman's table, 11 roof jacks, 4' bull float, ladder jacks, 24" aluminum scaffold, gas generator & etc.

Terms By, GEORGE H. WISE, JR.
Elvin Siegrist, Auctioneer
NOW ACCEPTING CONSIGNMENTS
We Offer Pick-up Service
717-687-7018 if no answer 786-4289

REAL ESTATE AUCTION

Attention: Farmers, developers, nurserymen, 141 acres of prime Chester County acreage located on Laurel Road, bordering the Brandywine in Newlin Township.
50 acres tillable, 50 acres in pasture, some woods plus 41 acres subject to Brandywine Conservancy Trust. Access to the Brandywine Creek, plus possible Brandywine pasture.

2 P.M.
On Premises
FRIDAY, MAY 8

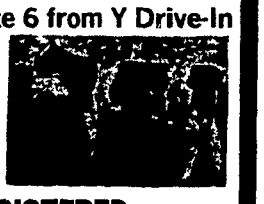
TERMS: 15% down day of sale, 60 day settlement.

TAXES: $2975.00.
Unionville/Chadds Ford School District.
DIRECTIONS: From West Chester take Rt. 162 to Strasburg Road to Stargazers Road in Romansville go left on Stargazers Road to Youngs Road on right - Youngs Road to Laurel - turn right on Laurel to signs. From Coatesville - take Strasburg Road to Laurel Road in Mortonville, turn right on Laurel to our sign.

Delaware Valley AUCTION CO.
Hess & Moyer Auctioneers

Carleton's Complete Farm Dispersal

LOCATION: 7 miles Northeast of Wellsboro, Pa., Tioga Co., 12 miles Northwest of Mansfield, Pa. (follow auction signs off Route 6 from Y Drive-In Theatre).



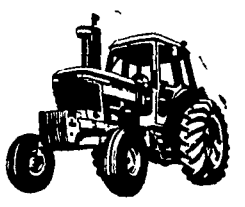
SATURDAY, MAY 9
AT 10:30

62 HEAD REGISTERED GUERNSEY DAIRY CATTLE SELL 62

42 milking age animals, large in size with a lot of dairy character and top bloodlines of the breed. Many fresh now, 5 due May, 2 June, 3 July, 9 due Aug. to Nov., balance various stages of lactation. 2 over 800 fat, 12 over 700 fat, 3 classified VG. (All bred animals in calf to Sire Power Sires). 9 Registered calfhood vac. heifers pasturebred April 1, 1981 to May 9, 1981; 10 Registered calfhood vac. heifers 6 weeks to 10 months; 1 Registered service age bull by Kellogg Minnie Choice. NOTE: This is the best group of Registered Guernsey cattle ever to be dispersed in this area.

Interstate Tested — Catalogues
Pregnancy Checked

MACHINERY & EQUIPMENT



3 Tractors — Ford 4000 diesel, Int. M, MM Jet Star with front-end loader; N.H. 273 b 'er with thrower, N.H. rake; N.I. Cut-Ditioner, J.D. 34 forage chopper with 1 row corn, direct cut and pick-up heads, J.D. 3-bottom trailer plows, J.D. Van Brunt 15-hoe disc drill, N.I. self-unloading wagon, N.I. blower, Ford 2-row 3 pth corn planter, N.I. single beater spreader, 2 good wagon chassis with throw boxes, AC Model 60 combine with Scour Klean, Int. 7-ft. mower, J.D. 30-ft. elevator, Ford 3 pth utility blade, Ford 1970 ¾ ton truck (not inspected), 2 hyd. cylinders, heavy duty air compressor, large quantity hardwood lumber, large wood carpenter's chest, 95 gallons red latex barn paint, 6-section cast iron roller, buzz saw, railroad rails, stock tank, 500-gallon metal tank, farm trailer, Wood Bros. corn picker, baler twine, electric fencer, Sunbeam cow clippers (new), electric bug killer, electric dehorners, feed cart, antique dog tread, 2 Fanning mills, 3 corn stabbers, wood wagon jack, cider press, neck yokes, 2 walking plows, crosscut saws, buggy top, bars and mauls, log chains, barn tools, pipe vise-cutter, old wood and metal cabinets, single trees, double trees, assortment automotive parts, 3 wood beds, maple davenport, 2 rockers, straight back chair, grease, grease guns and boxes and boxes of new and used merchandise sell at this dispersal.

PRODUCE & FERTILIZER

Approx. 5 tons ear corn, quantity Triple 15 fertilizer.

TERMS: CASH OR GOOD CHECK SALE DAY. (I.D. Requested).

GEORGE F., WILDA,
GEORGE W. CARLETON,
Owners

D. O. Rockwell & Associates, Sale Managers
Troy, Pa Phone 717-297-3460

LUNCH AVAILABLE

Seif & Danoff, Solicitors
Gerald Danoff, Solicitor
Painters Mill Professional Building
110 Painters Mill Road
Owings Mill, Md. 21117

BANKRUPTCY SALE

FULL LINE OF NEWLY PURCHASED FARM MACHINERY: SURGE 600 GAL. BULK TANK: COMPLETE SURGE MILKING SYSTEM FOR 50 STALL BARN.

Sale to be held on the premises: located at the corner of Allibone Road and U.S. Rt. 1, 7.5 mi. north of Bel Air, MD.; 2.6 mi. south of intersection of U.S. Rt. 1 and MD. Rt. 136, Harf. Co., MD.

MONDAY, MAY 11
12:00 NOON (Sharp)
(Signs will be posted.)

Pursuant to notice and hearing in the matter of Claude Junior Walker, Susan Jones Walker, Case No. 81-2-0155-L, Russell Allen Jones, Frances Burbridge Jones, Case No. 81-2-0154-L in the United States Bankruptcy Court for the District of Maryland, the undersigned Trustee in Possession will sell at Public Auction as follows:

FARM MACHINERY: A.C. 7000 diesel tractor, A.C. 5050 diesel tractor, Int'l. 666 diesel tractor, Ford 6600 diesel tractor, Allied 450 loader, Ford heavy duty 12' disc, New Holland tandem axle crop carrier heavy duty chuck wagon, Gehl chuck wagon, Brillion 12' roller harrow, New Holland 256 5 bar hay rake, New Idea 30' elevator, 3 hay wagons, scraper blade, 2 McCuroy grain beds, J.D. 307 rotary mower, Int'l. 4 bottom 16" plow, New Holland 26" blower, J.D. 336 baler w/thrower, Ford 354 4 row corn planter, New Idea tandem axle hyd. manure spreader, New Holland 7' haybine, Century sprayer, (new tank, booms & pump), Cherokee hyd. post hole driver, New Holland 335 grinder-mixer, New Idea 1 row corn picker, belt grain elevator, Ford 5 bottom 16" plow, Gleaner 2 row self-propelled combine, Int'l. bucket for tractor, Int'l. 10' lime spreader, cattle oiler, lawn mower, rakes, hoes, milk pails, hoses, buckets, brooms, shovels, forks, 5 hyd. cylinders, 1 ton of ear corn, approx. 500 bales of hay & straw, and other small farm tools and supplies.

DAIRY EQUIPMENT: 600 gal. Surge bulk milk tank, 50 stall Surge pipeline milking system with 2" stainless steel line, Surge 100 + vac. pump, complete washing system.

TERMS: CASH - CERTIFIED CHECK - OR APPROVED CHECK WITH PROPER I.D.
AUCTIONEER'S NOTE: All of the machinery has been purchased in the last 2 years. It is in excellent condition and has been well cared for. The Surge bulk tank is less than 1 yr. old and Surge milking system is less than 2 yr. old. The Surge tank and milking system has been removed to a local Surge dealership. At the conclusion of the machinery sale, all parties interested will be transported to the dealership, located in Street, Md., approx. 5 mi. away, for the immediate sale of the Surge equipment.

GERALD DANOFF, TRUSTEE
ABERDEEN SALES CO. INC.
Sale Managers & Auctioneers
P.O. Box C, Aberdeen, Md. 21001
Phone: 301-734-6050
734-7105 Night

PUBLIC SALE

(2 Day Sale)
of Antiques, Household Goods Riding Tractor, Equipt. & Tools
WEDNESDAY, MAY 13
at 10:00
THURSDAY, MAY 14
at 10:00

Located at 29 Hellers Church Rd., Leola, Pa. Upper Leacock Twp., Lanc. Co., Pa. (Take Rt. 23 about 7 mi. east of Lancaster.)

WED., MAY 13, at 10:00 ARTICLES TO BE SOLD: #700 Simplicity 7 H.P. Riding tractor w/rear rototiller, cultiv., snow blower, blade & chains. Leaf fodder shredder; metal 2 wheel dump trailer; auto hoe cultv.; rotary & push mowers; pull lawn sweeper; lawn roller; lawn lime spreader; 2 seed planters (new); 2 wheel utility cart; metal wheel barrow; Bucket-a-Day coal stove. Power tools: acetylene tanks; hoses & welding hoods; hyd. jacks; ½ ton come-along; log chains; 26' wooden & 30' alum. ext. ladders; step ladders. Hand, shop & garden tools; car parts & tools; cement tools; old Maytag gas engine; misc. hardware etc. Other articles not listed.

THURS., MAY 14 at 10:00, ARTICLES TO BE SOLD: Walnut: blanket chest w/inlay, marble top table, night table w/drawer, kneehole desk, cane chairs & rocker. Pine: J. & P. Coats spool cabinet, blanket chest & table w/drawer. Oak: sq. dropleaf ext. table w/boards, fine carved side chair, slant top desk, chest of drawers, etc. Other good furniture in mahg., maple, uph. & metal. Mantel clock; Still life picture; gilted & other frames & mirrors; Magnavox AM-FM stereo w/tape player; Maytag wringer washer; Sears humidifier. Table & floor lights; elec. fans; lawn & porch furniture; Sard Navy 6x42 binoculars; lg. & sm. crocks, jugs, fine blue deco. crock; Scoffield pottery; 1864 Bridgens Atlas of Lanc. Co.; Fine coverlet (Mount Joy #1); old home spun; rice basket; jardinieres; baskets. Gun: Allen & Thurber Co., Worchester 6 barrel cap & Ball pistol. Articles in iron, wood, tin. Copper tea kettle; brass bucket. Min. pressed glass articles; 7 child's deco. mugs, cups & saucers; cookie jar in deco. milk glass w/pewter top & handle. Other fine glassware & china in cut, pressed, German, Austria, custard, blue milk glass, opalescent, Adams, satin, cobalt, Majolica, Carnival, Currier & Ives, Nippon, Red Willow, Japanese, Depression etc. Kitchen articles; elec. appliances; stainless & plated silverware; bedding & linen; quilts; other articles not listed. NO OUT OF STATE CHECKS ACCEPTED. Food served.

Sale by,
MR. & MRS. BENJAMIN R. ERB

Howard Shaub, Auctioneer 464-3541
and Roy C. Probst 464-3190

ANNUAL HEIFER SALE

at the Green Dragon Livestock Sales, RD4, Ephrata, Pa.

TUESDAY, MAY 12

6:30 p.m.

Approximately 200-250 heifers consistng of bred heifers, open heifers, and heifer calves. Daughters of top sires being offerd. All consignors welcome.

Watch for future ads on this sale...

Walter H. Risser, Proprietor
Office-717-733-2444
Home-717-838-4318

PUBLIC SALE

50 Acres **SALE** 50 Acres

THURSDAY, JUNE 25, 1981

12:30 P.M.

Located at Steelville, Chester County, PA - 7 miles North of Oxford, 7 miles South of Georgetown. Take Rt. 896 to Bartville Road, go East 3 miles to Steelville Road, turn right on Bryson Road, go south.

50 Acre Dairy Farm

Improvements thereon consist of a 2½ story frame house with vinyl siding, a 38' x 120' bank dairy barn with 38 comfort stalls, 8 x 14 x 50 manure pit, all new, built in 1980, 14 x 60 concrete stave silo.

10% down day of sale, balance 90 days or negotiable.

(If transportation is needed to see Real Estate call 215-869-2508)

Terms By:
ISAAC B. & LYDIA ZOOK

Auctioneers
Steve Petersheim
215-869-2508
Everett Kreider
Attorney
Linda Kling

PUBLIC SALE

The undersigned will offer at public sale the personal property and farm real estate of the late ETHEL MAE LOVE, deceased (known as the ROY C. LOVE FARM), located in Delaware Township, Northumberland County, PA, situated north of Pennsylvania Route 54 at Sedan, on Crawford Drive.

SATURDAY, MAY 23

STARTING AT 11:00 A.M.

Real Estate consists of 105 acres of land, more or less, with 7 room farm house and concrete block barn shed thereon erected, particularly described in the deed recorded in Northumberland County, PA in Deed Book 236, Page 132, (less outconveyances recorded in Deed Book 324, Page 36, and Deed Book 386, Page 104) will be offered for sale at 12:00 o'clock noon. Sale will be made subject to restrictions against land fills, junk yards, and trailer parks, and to the right of persons farming the land to harvest growing crops.

TERMS OF SALE: Personal property - Cash. Real Estate - 10% of the successful bid to be paid on day of sale. Balance within 30 days after sale. Other terms made known on day of sale.

To see the real estate call George A. Love, 717-538-1565.

GEORGE A. LOVE,
Executor,
Watsontown R.D., PA
717-538-1565
M. LUTHER HARTER, JR., Attorney
42 Main Street,
Watsontown, PA
717-538-9222

GEORGE H. DEITRICK, Auctioneer,
New Columbia, R.D., PA
717-568-5454

ESTATE & CONSIGNMENT AUCTION

140 ANTIQUE GUNS-SWORDS
COINS-INDIAN ARTIFACTS
DECORATOR ITEMS

SAT., MAY 9

11 A.M.
Sheraton Inn, Lancaster, Pa.
Insp. 10-11
Cash, VISA, MC, Am. Express
Consignments accepted

CONSIGNMENT AUCTION

FRIDAY, MAY 8

6:00 P.M.

To be held at our place of business in Newark Valley, NY (6 miles North of Owego, NY).

Tractors, Machinery & miscellaneous items.
Consignments Welcome!
Call or write Auction Co. for complete listing.
Sale Managed by
Goodrich Auction Service
Rt. 38 & 38B
Newark Valley, NY 13811
607-642-8688

PUBLIC AUCTION

SATURDAY, MAY 23, 1981

At 10:00 A.M.

Upper Mahanoy Township, Northumberland County, Pa.; 1½ miles Northeast of Boyer's Butcher Shop, KLINGERSTOWN, Pa.; 20 miles Southeast of Sunbury; 5 miles North of Gratz and Route 25.

64 ACRE FARM

8-Room Dwelling with Bath; Summerhouse; New Well.

This farm has approximately 50 ACRES TILLABLE, 5 Acres Wooded, balance Pasture with a small stream.

FOR INSPECTION CALL: (717) 425-3313

TERMS: 10% down the day of sale, further terms and conditions to be announced when real estate is offered at 10:30 A.M.

PERSONAL PROPERTY including: New Lumber and miscellaneous Household Items.

GLEN W. SNYDER & SUSAN SNYDER
Owners

DEIBERT George & Mike Auctioneers & Realtor (717) 425-3313

COMPLETE CATTLE DISPERSAL

WEDNESDAY EVENING MAY 6

7:30 P.M.

Sale to be held at the Jack Wood Farm located on the Taylor Valley Rd. just off Rt. 26, 3 miles North of Cincinnatus, NY. Watch for auction arrows.

78 CATTLE 78

No. 1 - This dairy of cattle from Lafayette, NY consists of 45 cattle that have been in the family for 35 yrs. In this good young dairy they have always used the top ABS Sires for the breeding of their cattle. The dairy is in the following lactation: Approximately 20 due between June & Oct., 5 handling & bagging, 5 strictly fresh cows & balance in various stages. This is a very productive dairy milking very well now. All cattle will be vet examined for pregnancy, vaccinated for shipping fever & lepto shots plus blood & TB tested, ready for interstate shipment night of sale.

No. 2 - There will be several other fresh cows, handling & springing close cows & heifers plus some bred & open heifers for this sale.

Terms - Cash or Good Check

Sales Managers
Jack Wood's Livestock & Auction Service
Cincinnatus, NY 13040
607-863-4141

Lunch Available

Public Sales Register

Closing Date - Monday, 5.00 P M of each week's publication

SAT MAY 2 - 9.30 A M Public Sale of Horses, Machinery, Household Goods and Antiques Located in Western Perry Co. 1 mile west of Blain. O Merle Gutshall Owner. Dean Shull Auctioneer.

SAT MAY 2 - 10.00 A.M. Public Sale of Contracting and Building Equipment. Located take Rt. 495 to Exit 27 (Dulaney Valley Rd) North 7 miles to Paper Mill Rd east approx. 1 mile to Old York Rd, north ½ mile. Mrs. Faye Miller, Owner. Jervis S. Marshall Auctioneer

SAT. MAY 2 - 10 00 A.M. Public Sale of Train Collection, Household Goods and Real Estate. Located in Huntingdon Co., Centre Union on Rt 26, north out of Huntingdon near standing stone Golf course Mrs Jack Leffard Owner Harold Carper Auctioneer.

SAT MAY 2 - 11:00 A.M. Public Sale of Machinery, Holsteins and Milking Equipment, Located King's Run Rd, watch for arrows off Rt. 44 at Ceres, NY. 10 miles from Shinglehouse, PA 17 from Olean NY, 28 from Coudersport. Mr & Mrs Kenneth Bell Owners. Si Pepperman Auctioneer

SAT MAY 2 - 10.00 A.M Proskine Land and Equipment Auction, Oxford, NY. 6 miles south on East River Rd. James Proskine Owner. Stanley C. Huckabone Sr and Assoc, Odle-Cumberlin Auctioneers

SAT MAY 2 - 12 00 P M Van Blarcom's Select Heifer Dispersal Located 6 miles north of Troy, PA Bradford, Co, PA, 15 miles south of Elmira, NY at Former James Finnerty Farm D O. Rockwell & Assoc Sale Managers

SAT. MAY 2 - 10:00 A.M. Public Sale of Antiques and other oldies but goodies. Located at My Husband's Attic, Silverdale, PA on PA Rt. 152, just south of Rt 113. John Barry Glenn Auctioneer

FRI MAY 2 - Public Sale of 250 Registered and Grade Holstein Heifers, Fred & Mike McCartney Dry Run, PA.

MON MAY 4, - 2 P.M Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M. Lehman, owner.

MON MAY 4 - 5:30 P.M. Public Sale of Power Shop Equipment, Hand Tools, B-112 AC Riding Tractor, Cherry and Walnut Lumber, Held in Millersville Fire Hall, 25 E. Charlotte St., Millersville, PA Sale by Mrs Fred R. Hashinger Jr Howard Shaub and Roy C Probst Auctioneers

WED MAY 6 - 9 A.M. Consignment Sale by David H. Good located ½ mile North of Route 23 on North Maple Ave. in Leola, Lancaster Co., Pa Watch for sale signs F. Snyder, R Martin, C Wolgemuth, J. Fry and L. Horst, Auctioneer

FARMERSVILLE AUCTION

TUESDAY, MAY 5, 1981

5:30 P.M.

In Farmersville, 3 mi. east of Brownstown Lanc. Co., Pa.

General Household Goods Sale
WE SELL ON COMMISSION

Call **JOHN J. RUTT**
354-5095

BRAEHEAD FARM MILKING HERD AND BRED HEIFER DISPERSAL

THURSDAY, MAY 14, 1981

At the Pennsylvania Guernsey Breeders' Sales Pavilion
12:30 P.M.
Lancaster, PA - 6 miles E. of Lancaster on Route 30

78 HEAD SELLING:
53 COWS — 25 BRED HEIFERS
TB & Bangs Accredited - Bangs Vaccinated

E.C. Snead, Owner
Fredericksburg, Va.
Phone 703-373-6324

Douglas McWhirt
Herd Manager
Phone 703-373-2543

The Braehead herd is extremely dairy with a rolling herd average of 11178M and 485F. The 53 cows have records of: (1) over 17,000 lb. of milk, (2) 16,000, (3) 14,000, (13) 13,000, (15) 12,000, (12) 11,000, and (7) 10,000. Thirty-three cows are sired by Springview JEWELS PRINCE, a Lyrene May Rose PRINCE son, and 11 are by Springview DARI JESTER, he by DARIMOST. There are also daughters of Double Emory, Nobleman, Darimost, and Guernsey Land Belles ONWARD, etc.

The herd is predominently late summer and fall freshening with 56 head due from June through October. High PD sires have been used including CHOICE (7), MAVERICK (9), PREMIER (8) with (7) due June, (3) in July, (35), in August, and (5) in September. The heifers are bred to Dardenellas TJ Sunday, a TOP JOLLY son out of Mileys Sabe who has 5 lactations total of 109,070M, 5377F in 1818 days.

With added consignments, there will be about 100 head in the sale

TWO TOP COWS. . . . . SELLING. . . . . HOLLOW VIEW TOP COMMAND

Dardenellas Distinct Jemima
1-09 *16220 678 305-2x DHIR
*Nat'l Class Leader, 4thM, when made Deerpath Emorys Que
A 3-time production leader in Virginia with an in progree record of 14787M, 484F, 261-2xDHI, Projected at 16493M

A service-age son of Gayoso View TOP COMMAND out of an 86-point Dari Fayvor daughter whose record include 4-05, 14537, 737, 365-2x DHI Consigned by Scott & Elsie Wolff, Quarryville, Pa.

Sales Barn Phones:
717-394-2721 & 392-9560

Sales Headquarters:
Millstream Motor Lodge
Ph. 717-299-0931

SALE MANAGED BY:

Pa. Guernsey Breeders' Association
Lee Yost, Manager,
Ph. 717-299-8955
2497 Lincoln Hwy. East
Lancaster, Pa. 17602

The Merryman Company
John B. Merryman, Auctioneer
Sparks, Maryland, 21152
Ph. 301-771-4624

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

WED MAY 6 - 7 00 P M Feeder Sale at Four States' Hagerstown, MD

WED MAY 6 - 6 00 P M Cecil Co ASC Committee Auction of Grain Bins, 125 E High St, Elkton, MD Harold S Hill and Son Auctioneers

THURS MAY 7 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

THURS MAY 7 - 7 00 P M Machinery and Stock Truck Public Sale located on south side of Port Royal, follow direction signs off Rt 75 at 6th and Market St Mrs Harold H "Whitey" Moyer Owner Long Bros Auctioneers

FRI MAY 8 - 7 P M Driving and Riding Horse Sale at New Holland Sales Stables

FRI MAY 8 - 6 30 P M Special Dairy Heifer Sale at Keister's Middleburg Auction Sales, Inc, Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister Owners Ray Long & Dave Imes Auctioneers

FRI MAY 8, 5 30 P M Gap Auction. Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI MAY 8 - 7 00 P M Valuable Real Estate at Public Auction Located along US Rt 30, 5 mile east of Abbottstown in Paradise Twp., York Co, PA Annie A. Moul Owner Clair R Slaybaugh Auctioneer

FRI MAY 8 - 9 30 A M Bernheisel Estate Auction of Real Estate, Household Goods and Antiques Located at 239 W Main St, New Bloomfield, Perry Co, PA Kling's Auction Service

FRI & SAT MAY 8 & 9 10.00 A M Public Sale of Blacksmith Equipment, Various Brands of Blacksmith Plow Shares and Etc, Farm Equipment, Household Goods, Tools, Antiques, Station Wagon Ford 10 hp Riding Mower Located 6 miles west of Bowmanstown on Rt 895, 6 miles east of Rt 309 at Snyders on Rt 895, 1 mile south of Rt 895 at Deer Park Inn on Launchnor Rd, Carbon Co, PA. Estate of George P Smith Robert A Arner Auctioneer

FRI MAY 8 - 2 00 P M - Public Sale of Real Estate Located on Laurel Rd, bordering the Brandywine in Newlin Twp Delaware Valley Auction Co

FRI MAY 8 - 4.00 P M & SAT MAY 9 - 10 00 A M Public Sale of Real Estate, Wood Working Machinery, Antiques, Car, Truck, Guns Located along Manatawney Rd, ¼ mile north off Rt 562 at Earlville between Yellow House and Boyertown, Earl Twp, Berks Co Estate of Ellwood G Brumbach Frey Auctioneers

SAT MAY 9 - 11 A M Real Estate 2 P M Public Auction of Real Estate, Construction and Building Equipment, Building Materials, Motor Home, Location - Take Route 422 West from Reading or East from Lebanon to Womelsdorf, at Womelsdorf take Route 419 North to 2nd road right 3 miles to property on left From Bernville and Route 183 follow Christmas Village signs 1½ miles past Christmas Village Jefferson Townsh Berks County Pa Sale by Melvin S and Nancy K Allgyer, RD #2, Bernville Pa John E and Paul E Martin, Auctioneers

SAT MAY 9 9:00 A M Public Sale of Antiques, Household Goods, Tractor, Tools and Car Parts and Cars and Truck Sale of the Lida M Brown Estate Located about 12 miles south of Red Lion or approx 5 miles north of Delta along Rt 74 next to McKendree Church in York Co, PA Robert L Sechrist Auctioneer

SAT MAY 9 - Public Sale of Real Estate, Steam Engines, Well Drilling Items, Tools, Misc and Household Located 1 mile east of Mandata, PA, ½ mile north of Rt 225, 5 miles south of Herndon William C Brosius Estate Dockey & Dockey Auctioneers

SAT MAY 9 - 12.00 P M Public Sale of Real Estate Located - at the square in village of Schaefferstown, go north 6 mile on Rt 419 property is on right, follow sale signs Gregory and Karen Trautman Owner Ebersole and Shoop Auctioneers

SAT MAY 9 - 9.30 A M Public Sale of Real Estate. Carriages, Buggies, Sleighs, Farm Machinery, Ponies and Equipment etc Located along Rt 444 leading from McEwensville to Turbotville, 7 miles north of Rt 80 by way of Muncy exit or 15 miles northwest of Rt. 80 by way of Danville, Exit 18 miles southeast of Williamsport, PA Alfred S Rovenolt Owner Paul Rank and Randall Runyan Auctioneers

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MASTERSONVILLE FIRE CO.

THIRD ANNUAL SPRING SALE

SATURDAY, MAY 16
at 10:00 A.M.

At Fire Hall in Village of Mastersonville, R#4, Manheim, Pa.

HELPING US — HELPS YOU
Sold by Donation & Commission
New & Used Items Appreciated
Deadline for Advertising Items May 2nd

To Advertise Items Or For Further Information Call
717-665-4138
717-665-6238
717-367-9423

All Proceeds for Mastersonville Fire Co.

7TH ANNUAL ALL BREED WESTERN PA SHEEP & CLUB LAMB SALE

SATURDAY, MAY 9th, 1981

7:00 P.M.
Mercer Co. 4-H Park, 1½ miles north of Mercer PA on Rt. 19 (about 4 miles from I-80 and I-79)

Selling Approx. 390 head
229 ewes-68 rams-93 wethers

Registered and crossbred yearling ewes, registered yearling rams, registered ram lambs, wether lambs, registered and crossbred ewe lambs.

Breed Consigned: Cheviot, Columbian, Corriedale, Polled Dorset, Horned Dorset, Hampshire, Merino, Oxford, Rambouillet, Shropshire, Southdown, Suffolk, Finn cross, border Leicester, Barbato cross and crossbreds.

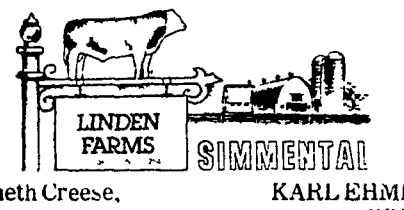
Sponsored by
SHEEP & WOOL ASSOCIATION of Northwest, PA
For Information or catalog call
412-662-3141 or write
Robert Calvert, Courthouse, Mercer, PA 16137

LINDEN FARM PRESENTS

ULTIMATE I

MAY 23, 1981
At 11:00 A.M.
SELLING:
60 lots of outstanding (Cows) Simmental Female (Breds, Pairs & Open Heifers).

For Catalogs Call or Write
Linden Farms
LaGrangeville, N.Y. 12540



Kenneth Creese, Herdsman
Tele 914-223-5904

KARL EHMER, OWNER
914-223-3586

Farm #914-223-3049

CATTLE FOR SALE AT ALL TIMES

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2 DAY PUBLIC AUCTION

OF 2 PARCELS OF REAL ESTATE, WOOD WORKING MACHINERY ANTIQUES, CAR, TRUCK, GUNS ON FRI EVE., MAY 8 AND SAT., MAY 9, 1981

Located along Manatawney Rd., ¼ mi. N. Off Rt. 562 at Earlville (between Yellow House & Boyertown), Earl Twp., Berks Co. Watch for signs.

FRIDAY EVENING, MAY 8
4:00 P.M.

ANTIQUES, HOUSEHOLD & GUNS; OAK; 3 pc. Bdrm. suite-C curved roll top desk - ext. table - sideboard - bookcase - commode; blanket chests-1 w/drawers; wood chest; secretary; 6 decor. arrow back chairs; 5 press back chairs; child's arrow back rocker; cane seat & ½ spindle chairs & rockers; glass knob bureau; York safe; chest of drawers; clothes tree; night table; wardrobe; West ref/freezer; Whirlpool auto washer; Whirlpool & Philco chest freezers; Grundig HiFi; filing cabinet; crib on wheels; benches; picnic table; Ingraham & Gilbert mantle clocks; sm dinner bell; German Bible; braided rugs, carpet; M Hohner (Gr) accordian; Shenfelder & other crocks; butcher equip.; Sanitary computer scale.

Snapper 30" riding mower; MF frt tine rototiller; rubbertire & wooden wheelbarrows; Parker lawn sweeper; rotary mower; ext & step ladders; corn sheller; hog troughs; garden tools & many more items.

GUNS AT 6:00 P.M.: Winchester 32 lever action; Batavia Leader dbl bbl shot gun; Mauser Modelo Argentino 1891; Hopkins & Allen hammer dbl bbl; Marlin, J.G. Anschult, Springfield and other old lever 22's.

SATURDAY, MAY 9
10:00 A.M.

HISTORIC SPRING FORGE HOMESTEAD, WOOD WORKING TOOLS, ANTIQUE CAR & TRUCK.

PARCEL #1: Large 2½ story stone plastered home w/9 rms., modern kitchen, 2 baths, frt. & enclose side porches: Attached 3 rm & powder rm guest house. Coal fired hot water heat & drilled well. Over sized 2 car garage w/2nd flr. storage, wash house, smoke house w/storage area, chicken house & 2 story stone bldg., all situate on approx. 4 acres.

PARCEL #2: Stone 2 garage & stable, 2 story woodshop bldg. & garage, attached woodshed, former sawmill bldg. w/2nd flr. storage, all situate on approx. 32 acres, w/creek frtg. on both sides of Manawatney Creek. To be offered in parcels or as an entirety.

Crescent Mortising Machine w/tools: Tenon Machine w/cutter & templates; Pettingell molding edger machine; Pony #1 24" planner; Ross 21" jointer; 32" dia. band saw; Cresson Morris 12" cross-cut saw; Atlantic Works 3' & 5' lathe; Starrett transit; dovetail work bench w/vise; asst. rough & planned molding lumber-walnut-cedar, etc.; Express 22B decor pot belly stove; air compressor; tinsmith tool & crimpers; wooden planes; mortar box; locust posts & wire; ropes & pulleys; spool copper lightning cable; scrap iron, many more tools, etc.

1950 Dodge Coronet flathead 6 w/Gyro-matic drive - 76,000 mi.; 1947 Chev 3/4 ton stake body truck; Model A engine w/Cat trans-used for belt power; Model A engine parts; Elgin 12 HP outboard motor. Cars sold after RE.

SOLD FOR THE ESTATE OF ELLWOOD G. BRUMBACH

FRI. SALE AT 4:00 P.M. GUNS AT 6:00 P.M.
SAT. SALE AT 10:00 A.M., RE AT 1:00 P.M.
Cash or Pa. check.

FREY AUCTIONEERS
JOHN D & GEORGE D
Yellow House

689-5051 or 689-5269
Refreshments on premises

PUBLIC SALE

COMPLETE INVENTORY DISPERSAL
STRICKLER HOME AND GARDEN CENTER
FRIDAY, MAY 8 at 5:30 P.M.
SATURDAY, MAY 9 at 9:30 A.M.
NEW MOWERS, WEED TRIMMERS, CHAIN SAWS, TRAILERS, GARDEN TOOLS

Located along Rt. 24 approx. 1½ miles North of Red Lion on the Cape Horn Road. Watch for signs.

FRIDAY, MAY 8 at 5:30 P.M.
MOWERS, CHAIN SAWS AND MISC. ITEMS

Toro 8 h.p. 32" cut riding mower, Toro 5 h.p. 28" cut riding mower, new Toro rotary mowers, 4 used k Toro rotary mowers, 2 new 10" Poulan chain saws, 1 new Poulan 10" elec. chain saw, 1 used Poulan and 1 used McCulloch chain saw, approx. 20 new Toro and Weed Eater trimmers, new Wayne sump pump, new Toro S200 snow thrower, 3 burner gas burner, new wheelbarrows, battery charger, elec. wall clock, used Weed Eaters, Tecumseh motor parts, Briggs & Stratton parts, AMF parts, mower spark plugs, Toro mower and snowblower parts, Bolens parts, ½d drum of antifreeze, Brinley cultivator bar, Brinley garden hitches, shears & furrow opener will fit any garden tractor, approx. 100 lawn mower tires, copper tubing, drum of cleaner and pump, complete line of lawn & garden fertilizer, sprays, plant food, potting soil and garden tools, Old English lawn fertilizer, approx. 50 cases of Like Wild liquid fertilizer, Ames garden tools and rack, rakes, hoe, scrapers, spades, rolls of screen wire, tomato wire, 100 ft. ext. cords, approx. 100 V belts, roll of gas hose, tire patching equip., lots of new trailer accessories, spot light, sun film kits, camper steps, plugs, reflectors, patio lights, tire chains, lots of small tools, socket sets, pipe wrenches, ½" and ¼" elec. drills, inspection tools, brass and plastic fittings, 6 rolls of felt paper, paneling, pegboard hooks, hanging scales, plastic gas cans, diesel oil, oil & filters, bird feeders, plastic buckets, banners, lots of screws, nuts, bolts, and items too numerous to mention.

SATURDAY, MAY 9 at 9:30 A.M.
BUILDINGS

24'x24' pre-fabricated garage in sections with 16 ft. overhead door, 24'x38' block building, new 8'x8' and 8'x10' metal buildings.

TRUCK, TRAVEL TRAILERS, TRAILERS

1971 Ford pickup truck in good cond., new Venture travel trailer, sleeps 6; used Venture travel trailer, sleeps 6; new Shipmate 4'x6' utility dump trailer and 74"x96" flat bed trailer. Airco welder & accessories.

LAWN MOWERS AND CHAIN SAWS

Case 220, 10 HP, 30" cut riding mower w-hydraulics, Toro reel type riding mower, New Toro riding mower, New Toro rotary mowers, approx. 6 used Toro rotary mowers, mowers for parts, 4 new Poulan chain saws, 1 new 12" Poulan chain saw, 1 new Toro 10" elec. chain saw, 1 Poulan cut all.

MISC. ITEMS

Armstrong gas furnace 250,000 BTU w-duct work, Ingersall Rand air compressor w-1½ HP motor, Multi Clean sweeper, 4 snowblowers, chain saw sharpener, break and riverter for chain saws, bulk saw chain, approx. 30 new Toro and Weed Eater trimmers, model 100A Micro design machine, new Toro dozer blade, Toro snowblower for tractor, new Toro mower wheels, G.E. and Sears air conditioners, Mayfair tape player & speakers, intercom, used Bolens roto tiller, new 775.15 tires, 4 drawer file cabinet, parts manuals for Case, Toro, Bolens and AMF mowers and Remington chain saws, trade-ins, two 10'x10' overhead garage doors, trailer wheels, trailer awnings, 25 new trailer hitches, trailer hitch irons, rear ext. bumper for pickup, saddle gas tank for pickup, new side rails for pickup, stepladder, double ext. ladder, vise, hydraulic jack, floor jack, chain saw and mower display racks, new rear baggers for Toro riding mowers, approx. 12 elec. signs. Toro lawn bags and chutes, mower blades, Weed Eater spools, lumber; cinder blocks, restaurant table, lots of metal shelving and many other items too numerous to mention.

TERMS: CASH or APPROVED PA. CHECK WITH ID

Stand Rights Reserved
Not Responsible for Accidents Day of Sale

STRICKLER LAWN & GARDEN CENTER
R.D. 2, Box 110, Red Lion, Pa. 17356
Preston Chronister & Sons, Auct.
Ph: 755-4317
Randall Miller, Clerk

GAP AUCTION
FRIDAY EVE., MAY 8
5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS
FROM 8:00 A.M. to 7:00 P.M.
OTHER DAYS BY APPOINTMENT

Call us for pick-up service
IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254
CONDUCTORS ALL TYPES PUBLIC SALES

PERRY CO. FARM & WOODLAND
PUBLIC SALE
FRIDAY EVE. MAY 29
Located 45 mi N W of Harrisburg, along Rt. 850, 2 mi. east of Honey Grove.

PARCEL #1 - 120 acre farm, 100 acres tillable, trout stream, borders State Game Land.

PARCEL #2 - 83 acres Mt. Land, borders State Game Land.

For brochure, contact:

LONG BROS., AUCTS.
R.D. #1
Port Royal, Pa. 17082
Ph. 717-527-4458

PUBLIC SALE
ANTIQUES, HOUSEHOLD GOODS, TRACTOR, TOOLS & CAR PARTS & CARS & TRUCK
of The Lida M. Brown, Estate
SATURDAY, MAY 9, 1981
at 9:00 A.M. Sharp

Located about 12 miles South of Red Lion or approx. 5 miles North of Delta along Rt. 74, next to McKendree Church in York Co., PA.

Antiques & Household Goods

Sq. oak china closet; oak dropleaf table w/boards; oak washstand; Hoosier oak kitchen cabinet painted; wooden kitchen cabinet; oak rockers; oak chairs; night stand w/dr.; oak table; chest of drs.; mag. rack; what not shelves; cane seat chairs; some ant. dishes & glassware; cup & saucer collection; milk pail; lantern; 2 kerosene lamps; crocks; picture frames; salt dips; milk cans; jars, meat hooks and etc. Ben-Hur chest type freezer; Frigidaire 2 dr. Frost proof ref.; RCA stereo AM & FM & record player console; RCA 21 in. color TV; color TV antenna & rotor; sewing machine & bench; wringer washer; rinse tubs; sump-pump; Slide movie projector & screen; elec. broom; fans & lamps; sm. applicances; 2-5 pc. bedroom suites; roll-a-way cot; metal wardrobe; base cabinet; beautiful maple dinette table, 6 chairs & matching lg. hutch; 2 swivel rockers; Reed rocker; dinnette table; modern pine corner cupboard; settee; bedroom chair; hamper; sofa bed; odd chairs; coffee & end tables; rugs; quilts & quilt patches; mirrors; dishes, pots and pans; and many articles too numerous to mention.

1977 GMC ½ pickup truck w/cap; automatic, ps, pb, AM & FM radio, only 43,000 miles.

Tractor, Tools & Parts & Truck

Farmall A tractor, very good rubber, vacuum lift hyd., cultivators & 6 ft. mower; 6 ft. disc harrow; 1966 Chevy Impala convertible and 1964 2 dr. Chevy hardtop for parts or to be restored: Edelbrack X-CB head w/2 Holly 4 barrel carb. with linkage to fit sm. Chevy; many misc. Chevy parts; 900 x 20 bus tires & rims; air hose; tools; step ladders; utility shelving; chain hoist; lg. picnic table; etc.

TERMS: Cash or approved check only!

Gary E. Brown, Sr., Exec.
Robert L. Sechrist, Auctioneer
Anderson & Warner, Clerks
F. Boyle, Attorney

Not Responsible for Accidents
Refreshments by the
Red Lion Ambulance Club
Sale rain or shine under tent

YORK CO. SHEEP FIELD DAY & LAMB SALE
SATURDAY, MAY 16
9 A.M.

at the York Co. 4H Center at Bair Station, Pa.

Schedule of Events:

9:30-Sheep Judging Contest Men, Ladies, Jr. Divisions
10:00-Spinning Demonstration
10:30-Shearing Demonstration
11:00-Lamb Carcass Cutting Demonstration by John Watkins of Penn State.
12:00-Lunch Served by the York Co. 4H Lamb Club.
12:00-Wool Fleece Sale
Also, there will be Wool Fleece for sale to home spinners.
12:30-Sale of 100 Market Lambs for youth projects. 54 purebred ewes - 16 purebred rams.

Auctioneer: Blaine Rentzel

For more information contact
Tony Dobrosky, Co. Agent
112 Pleasant Acres Road
York, PA 17402
717-757-9657

PUBLIC SALE
GAS ENGINES, GUNS, ANTIQUES, HOUSEHOLD GOODS
SATURDAY, MAY 9, 1981
at 9:30 A.M.

Due to a residential fire and the family relocating the undersigned, located along Hoff Rd. Ext. Heidelburg Twp., 1 mile south of Porters Sideling (Porter's Sideling Rd. intersects #116 approx. 3 mi. southwest of Spring Grove, Pa.) and on the north side of Lake Marburg Dam breast, will offer at public sale on the premises the following:

GAS ENGINES, ETC.

Gas engines include the following: New Holland 1½ h.p. on truck, Associate 1½ h.p. on truck, Witte 1½ h.p. on truck, Fairbanks 1½ h.p., New Way 2 h.p. upright (air cooled), Fairbanks Morse 6 h.p., Stover 1½ h.p., Fairbanks 1 h.p. with radiator, Ideal 1½ h.p. mounted on lawn roller, 3 Maytag gas engines (two 1 cyl. & one 2 cyl.), B.&S. 1 h.p. footstart; Sunbeam 32 v. generator, gas engine truck, 32 v. electric motor, 5 Maytag wrenches, Maytag quart oil can, Ford 3 pt. tr. jack, etc.

GUNS

Remington #760 d. bbl. 309 pump rifle with 4 power scope, Winchester .22-250 cal. bolt action rifle with scope, Winchester .22 magnum bolt action rifle, Remington .12 ga. (3 in.) semi auto. gun, Ball & Cap pistol, Winchester 30-30 centennial golden spike lever action in orginal box, box of 30-30 silver anniversary bullets.

ANTIQUES

Oak ice box, oak kitchen cabinets, plank bottom chairs, blanket chests, cane seat chairs, gateleg table, wash stands, Waterfall bedroom suite, approx. 25 R.R. and other lanterns, 10 plate chunk stove, butter & hanging scales with brass fronts, platform scale, upright parlor stove, spool cabinet, 4 National cash registers, wooden butter tub, copper apple butter kettle, solid copper washing machine, 3 Maytag alum. washers, wooden washing machines, Speed Queen washer with B & S gas engine, arcade penny machine on stand, chewing gum machine, brass clothes tree, kerosene lamps, sad irons, milk cans, iron horses, lap robes, local milk & soda bottles, Jim Beam bottles, set of blue willow dishes, depressionware, baskets, crocks, jugs, cookie jars, tools, Waltham jeweled gold case watch, cast toy train (engine, 3 car), etc.

HOUSEHOLD GOODS

Refrigerator/freezer, 12 cu. ft. upright freezer, Necchi console sewing machine, taporets, and other items.

NOT REPSONSIBLE FOR ACCIDENTS
STAND RIGHTS RESERVED
TERMS: CASH OR APPROVED CHECKS

KENNETH S. & HELEN R. STAMBAUGH
R.D. #3
Spring Grove Pa. 17362

C.C. Miller & Sons-
Auctioneers & Clerks
Ph. 717-235-3627

Inspection on day of sale only.
Guns to be offered at 1:00 P.M.
Gas engines to be offered at approx. 1:30 P.M.

Public Sales Register
Closing Date - Monday, 5:00 P.M. of each week's publication

SAT. MAY 9 - 9 00 A.M. Public Sale of Antiques, Antique Tools and Personal Property, Located from Lancaster, PA take Lincoln Highway East to Greenfield Rd (At Donut Tree) and turn north onto Greenfield Rd and proceed to sale Across from Mellinger's Cemetery Sale by Elmer H Buckwalter Ira Stoltzfus and Son and Jay Leary Auctioneers

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2nd Annual Benefit Auction Breezy View Christian School

Located on Rt. 441, ½ mile north of Columbia, PA, Lancaster Co.

SATURDAY, MAY 9
9 AM-3 PM

24 Homemade Quilts

*** One to be given as a door prize ***

Many other Crafts and Donated Items.
Donations Accepted Until Sale Time.
For more information phone 717-684-7624.
J. Everett Kreider, Auctioneer

Complete Dairy Dispersal

John and Loretta Sears
Plymouth, NY

FRIDAY EVENING, MAY 8
7:00 P.M. Sharp

Having decided to discontinue their dairying business we have been commissioned to sell the complete dairy of Mr. & Mrs. Sears, at their farm located on German Hollow Rd., approx. 3 miles east of Plymouth, NY, from Norwich take Rt. 12 north to Wilson Rd., turn left to German Hollow Rd., from Plymouth take Co. Rt. 21 Smyrna - Plymouth Rd. to German Hollow Rd. and turn right. Watch for auction arrows.

116 Registered and High Grade Holstein Cattle 116

Dairy consists of 65 cows, 20 bred heifers, 26 open heifers and calves, 4 started bull calves and 1 service bull. There will be 14 fresh cows, 7 each from May and June, 7 for July and August, 18 are due in the fall and the balance are recently bred. 28 are registered including daughters of Willow, Kirk, Valentine L. Minute Man, Duke Kendell Centurian, Clinton Camp Dauntless Tidy, Cochran Sunshine, Strethon, Executive, Neil, Harmony, Rock and Halo. John is not on DHIA but has Eastern AI breeding at its high producing best including grade daughters of the above sires as well as Ted, Regency, Earl, Robbie, Andy, Killian, and Challenge. The cows and heifers carry the service of many of these bulls as well as Elstan, Jupiter and Quality. Many of the heifers are bred to Jersey bulls for easy calving.

Manager's Note: This is a very good productive young dairy using only the top Eastern Sires. All cattle have had shipping fever and Lepto shots plus blood and TB tested ready for immediate interstate shipment night of sale. Make plans to attend this sale.

Real Estate

Approx. 360 acre farm with mainly clear alfalfa seeding on the meadows. Farm consists of approx. 155 tillable acres, approx. 40 acres of woodland, balance pasture land and flow-through creek all through farm. Barn consists of 97 tie stalls plus 40x60 heifer barn with 20 tie stalls plus room for more pens. It has an around the barn 2" milker in main barn, plus 2 Patz barn cleaners, also 1000 gal. bulk tank. Farm has 2 20x50 Globe silos with 2 PD unloaders. The house consists of 4 bedrooms, bath, kitchen, office, dining and living room. Also selling with the farm is a 12x65 Sheraton 2 bedroom house trailer. Qualified buyer could assume federal land bank mortgage. For an appointment call Strout Real Estate, Sales Person Carol Wood - 607-863-4143.

Terms - Cash or good check, ID required. Lunch Available.

Owner
JOHN & LORETTA SEARS
607-334-6703

Jack Wood's Livestock And Auction Service
Sales Managers
Cincinnatus, NY 13040
607-863-4141

SAT. MAY 9 - 11 00 A M Public Sale of 11 Acre Farm plus 1 building Lot, Located at west end of Frystown, Go to blinker light in Frystown then go west on Frystown Rd to Meckville Rd turn right to property, located, approx 2 miles from Frystown Interchange of Rt 78, Bethel Twp, Berks Co, PA. Melvin S and Emily P Zook Owners Elton and Alvin Horning Auctioneers

SAT. MAY 9 - 10 00 A M Public of Real Estate, Antiques, Household Goods, Lumber, Tools and Truck, located at 3 W Kendig Rd, south of Lancaster, Village of Willow Street, West Lampeter Twp., Lancaster Co, PA (Between Rt. 272 southbound and Rt 272 Northbound) Sale by Mr & Mrs Lawrence A Foulk, Howard Shaub and Roy C Probst Auctioneers

SAT MAY 9 - 10 00 A M Consignment Sale by Elmer Stauffer, located along Rd 11-15 at Port Trevorton, 8 miles north of Liverpool, 9 miles south of Selinsgrove, Farm Machinery, Etc Frank Snyder and B D Imes Auctioneers

SAT MAY 9 - 1 00 P M Ayrshire Dispersal of Milking Cows and Bred Heifers Located 7 miles northwest of Selinsgrove on Rt 204 between Kratzeville and New Berlin, Snyder Co Sale for Roy W Kline Managed by Milt Brubaker

SAT MAY 9 - 11 00 A M Public Sale - Bonnie Brae Auction Spring Mower Sale Located on Rt 724, Spring City, PA 8 miles west of Valley Forge for information call Rick Moyer 215 948-8050 Bonnie Brae Auction

SAT MAY 9 - 10 00 A M Public Sale of Real Estate, Wood working tools, Antique Car and Truck Located along Manatawny Rd, ¼ mile north off Rt. 562 at Earlville, Earl Twp, Berks Co, PA Ellwood G Brumbach Estate Frey Auctioneers.

SAT MAY 9 - 9 30 A M. Public Sale of Gas Engines, Guns, Antiques, Located along Hoff Rd, Ext. Heidelberg Twp, 1 mile south of Porters Sideling (Porter's Sideling Rd. intersects 116 approx 3 miles southwest of Spring Grove, PA) and on the north side of Lake Marburg Dam breast Kenneth and Helen Stambaugh Owners C C Miller and Sons Auctioneers and Clerks

SAT. MAY 9 - 10.00 A.M Autotore's Auction of Real Estate, Household and Collectibles Benton Rd 2, off Rt 487 North of Benton, 3 miles turn at camp Levine toward Elk Grove 7 miles, 2 mile Sellers - Canadian Aces John Autotore and John Jr Auctioneers

SAT. MAY 9 - 10 00 A M Public Sale of Household, Antiques, Valuable Real Estate Guns and Gold and Silver Coins Charles Braun Owner Fairmount Twp., Red Rock Mt Area, Rt. 118 north 1½ miles past the crossroads at the foot of Red Rock Mt, ¼ mile past Ricketts Glenn State Park, Same side of road across the road from the Fairmount Twp Fire Co Nevius Auction Service

SAT. MAY 9 - 10 30 A.M Public Sale of Valuable Real Estate and Farm Machinery, Located 6 miles southwest of Mt Pleasant Mills, 10 miles northwest of Liverpool or 2 miles northeast of Oriental, near PA Game Lands Mrs Mildred M Arney Owner, Hoffman, Jones and Longacre Auctioneers

SAT MAY 9 - 11 00 A M Public Sale - Delaware State Police Vehicles, located at the Delaware State Police Headquarters, Rt. 13, Northbound Lane, Dover, DE Sale by Dept of Administrative Services, Div of Purchasing, Wilson's Auction Sales Inc

Public Sales Register

Closing Date - Monday, 5 00 P.M. of each week's publication

SAT MAY 9 - 11 00 A M Estate and Consignment Auction at the Sheraton Inn, Lancaster Sale by Auctions Unlimited

MON MAY 11, - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON. MAY 11- 12 00 P M Public Sale of Farm Equipment Located at the corner of Allibone Rd and US Rt. 1. 7 5 miles north of Bel Air, MD, 2 6 miles south of intersection of US Rt. 1 and MD Rt. 136, Harford Co. MD Gerald Danoff Owner Aberdeen Sales Co., Inc Sale Managers and Auctioneers

TUES MAY 12 - 7 00 P M Roger Appleton Complete Dispersal, Cattle and Machinery, Wyoming, NY Located on Rt 19, 2 miles south of Pavilion, 5 miles north of Wyoming and 10 miles north of Warsaw Roger Appleton Owner William Kent Inc Sale Manager and Auctioneer

WED MAY 13 - 1 00 P M Public Sale of Commercial/Industrial Warehouse, 11 acre tract, Personal Property Located at 25 Commerce St, Mountville, PA Estate of Edward F Froelich Claude F Smith and V Ronald Smith Auctioneers

WED MAY 13 - 7 00 P M Public Sale of Real Estate Located at 756 Lafayette St, Lancaster, PA between Fairview Ave and Laurel St, 1 block east of Manor St Sale by Agnes V. Reynolds. Howard Shaub and Roy C Probst Auctioneers

WED. MAY 13 - 10.00 A M. Public Sale of Antiques, Household Goods, Riding Tractor, Equipment and Tools Located at 29 Hellers Church Rd, Leola, PA Upper Leacock Twp, Lancaster Co, PA Take Rt 23 about 7 miles east of Lancaster Sale by Mr & Mrs Benjamin R Erb Howard Shaub and Roy C Probst Auctioneer

MAY 14, 15, 16 Martin's Tenth Annual Carriage, Sleigh and Antique Auction at Martin's Sales Pavilion, 2 miles east of Intercourse, PA. Martin Auctioneers Inc 717-354-7006

THURS MAY 14 - 11 00 A M Public Sale of Real Estate Located in Craley, PA York Co. Laura M. Frey Estate. Jacob A Gilbert Auctioneer

FRI MAY 15, 5 30 P M. Gap Auction Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

SAT MAY 16 - 9 30 A M. Goodville Community Fire Co. Sale Held at the Goodville Fire House, Local Auctioneers

SAT MAY 16 - 6 30 P.M Danville Livestock Market, horse sale Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT MAY 16 - Juniata Co acreage at Public Sale, Located 16 miles southwest of Mifflintown, PA, Long' Bros Auctioneers

SAT. MAY 16 - 9 00 A.M Public Sale of Antiques, Collectibles, Household Goods, Located at 12th and Line St, Sunbury, PA near Hospital Hazel and Paules Gibson Owners Dockey & Dockey Auctioneers

SAT MAY 16 - 2 00 P M Sale of Real Estate Noble Rd between Nine Points and Christiana, PA 2 miles west of Christiana, Sadsbury Twp Lancaster Co, PA Sale by Hamilton Bank, guardian of Wm Wood Kersey Bradley Auctioneer

SAT MAY 16 - 12 Noon York Sheep Field Day and Sale Market Lambs, Ewes, Rams and Fleeces, Held at the York 4 H Center in Bair, PA Blaine Rentzel Auctioneer

SAT MAY 16 - 10 00 A.M Mastersonville Fire Co Third Annual Spring Sale Held at the fire hall, in Village of Mastersonville, Rd 4, Manheim, PA

SAT MAY 16 - 9 A.M York Co Sheep Field Day and Lamb Sale At the York Co 4H Center, Bair Station, PA Blaine Rentzel, Auctioneer

PUBLIC SALE
OF REAL ESTATE
(2 story cement building w/2 very nice sec. floor apts. & lg. garage used as workshop w/office space.)

WED. EVE., MAY 13
at 7:00

Located at 756 Lafayette St., Lancaster, Pa. (Between Fairview Ave. & Laurel St., 1 block east of Manor St.)

2 story cement block building w/alum. siding on sec. floor. Lot size: 49' frontage by 118' depth more or less.

Property will be open for inspection Wed. Eve., April 29 & May 6 from 6 P.M. until 7 P.M. or phone 569-2441.

Sale by
AGNES V. REYNOLDS
(Mrs. George E. Reynolds)

May & May, Attys
John S. May, Atty
Howard Shaub, Auctioneer
464-3541
and Roy C. Probst 464-3190

AYRSHIRE DISPERSAL
SATURDAY, MAY 9, 1981
1:00 P.M.

Located 7 miles Northwest of Selinsgrove on Route 204 between Kratzeville and New Berlin, Snyder co. Watch for signs.

23 Cows — 2 Bred heifers.
TB & Blood tested - 30 days

Mostly sired by and bred to Sire Power Ayrshire Sires.

15 dau. of Oak Ridge Commander Star. USDA 583 dau. avg. 11,854M 3.9% 463F P.D. +700M +20F +$74. 184 cl. dau. avg. 85.8.

5 recently fresh 2 due May, 6 Aug., 3 Sept., 4 Nov.

Sale by
ROY W. KLINE
R#1 Box 160, Winfield, Pa. 17889
Ph. 717-374-8882

Managed by Milt Brubaker
595 Snyder Hill Rd
Lititz, Pa. 17543
Ph. 717-626-5788

PUBLIC AUCTION
DELAWARE STATE POLICE VEHICLES
SATURDAY, MAY 9
at 11:00 a.m.

(14) '74 Ply. Fury Sedans; (26) '75 Ply. Fury Sedans; (2) Ply. S/W; (8) '76 Ply. Fury Sedans; (1) '61 Ford P/U; (1) '65 Ford P/U; (1) '69 Lincoln Sedan; (1) '70 Volvo Sedan, 4 dr.; (1) '73 Ford HT, 4 dr.; (1) '74 Fiat Conv., 2 dr.

SPECIAL MENTION: (2) '69 Harley-Davidson Motorcycles, Electra-Glide-Police Special, full dress, windshield, F/R crash bars, saddle bags, color-blue. Mileage - 22,603 and 21,599.

LOCATION: Delaware State Police Headquarters, Rt. 13 (Northbound Lane), Dover, DE (signs posted).

INSPECTION: Friday, May 8 from 9:00 a.m. - 3:00 p.m.

TERMS: Cash, Certified Check, Traveler's Check or approval by Auctioneer.

Sold by the Department of Administrative Services, Division of Purchasing.

AUCTIONEER: WILSON'S AUCTION SALES, INC.
DAVE WILSON - GLENN WATSON, JR.
Phone: (302) 422-3454

CONSIGNMENT
DAIRY HEIFER SALE
FRIDAY, MAY 8, 1981
6:30 P.M.
AT KEISTER'S MIDDLEBURG AUCTION SALES, INC.
Middleburg, RD #3, PA
Along Route 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove.

Expecting 400 head or more Holstein heifer calves to springer heifers, Registered & Grade. Also few Registered Holstein bulls. All heifers must be TB & Bangs tested within 30 days and must have individual health charts.

Heifers Must be at Market
Thursday, May 7, 1981
Early Consignments Appreciated
For Information Call
717-837-2222 or 717-523-0360
or 717-966-2856

Owners:
DON & WALT KEISTER

Robert Mullendore, Auctioneer
Terms- Certified check on bank letter of recommendation. Trucking Available.
Restaurant Open

PUBLIC SALE
OF REAL ESTATE
(Dbl. modular home, Barn w/10 acres of Land)
TRACTORS, PAY LOADER, TRUCK, SHOP EQUIPT., TOOLS, MODERN FURNITURE & HOUSEHOLD GOODS
SATURDAY, MAY 23, 1981
At 9:00

Located along Oak Rd., R.D. #2, Conestoga, Manor Twp., Lanc. Co., Pa. Near Lanc. Forest Fire Crew Base, 2 mi. west of Safe Harbor, 1 mi. east of Highville.

Real Estate: Dbl. modular home w/full cemented basement, attached 2 car garage & sun deck. 30'x30' 1 story cement block 2 car garage & work shop w/10' by 10' overhead doors. 24'x28' 2 story frame & cement block barn w/horse stables, steer pen & sec. floor storage. Property will be open for inspection Sat's. May 9 & 16 from 12:00 noon until 3 P.M. or phone 872-5848.

Farmall Cub w/belly rotary mower, cultiv. & 5' mower. Farmall B.N. w/cultiv. & 6' mower. W.D. Allis Chalmers (as is). 1975 Chevy #10 Scottsdale ½ ton pickup truck w/auto., power steering & brakes, AM-FM radio & 8 track. 8' truck camper. Massey Ferguson #356 pay loader w/6½' bucket & full power. 6' pay loader bucket (new). United tractor w/live hyd. & snow plow; 2 heavy-duty hyd. wood splitters mounted on 2 wheel trailers; 2 wheel dump bed trailer; chain saws; 2- #225 Lincoln port. welders (1 mounted on trailer); cylinder braising set complete; welding equipt.; air compressors; 2 ton chain blocks; 11x6 band saw (wood or metal); numerous power tools; numerous sets & misc. hand tools; 18 H.P. gasoline engine; old car parts; old truck & car manuels; towing bar; 275 gal. oil tank; log chains; oak lumber.

Household Goods: Whirlpool chest freezer; Kelv. upright freezer; Philco 2 door refrig. frost free; G.E. Auto. washer #18 H.D.; Whirlpool auto. dryer; RCA colored TV; Royal dehumidifier; Thomas elec. spinet organ; heavy pine 3 pc. bedroom suite complete; heavy pine coffee & 2 end tables. Fine oak lg. sq. ext. table w/3 boards; 6 oak chairs (high back); oak 2 pc. hutch cupboard; 2 pc. Early American living rm. suit, swivel arm chair; Lazy-Boy recliner etc. Other furniture in walnut, maple & oak. Picture frames; books; lg. & sm. crocks; milk can; store scales; mantel, cuckoo & dome clocks. 12 pc. Japanese china dinner set in Ivory China; china & glass mugs & steins etc.; kitchen articles; table & pole lights; elec. heater & fans. Gun: 12 g. bolt action shot gun. Saddles: 2 western & English. Blacksmith shoeing tools. Other misc. articles not listed. NO OUT OF STATE CHECKS ACCEPTED. Food served.

Sale by
MR. & MRS. ROGER N. THERRIEN

Georgelis & Solodky Attys.
Howard Shaub Auctioneer 464-3541
and Roy C. Probst 464-3190

PUBLIC AUCTION
OF ANTIQUES, ANTIQUE TOOLS PERSONAL PROPERTY
SATURDAY, MAY 9
At 9 A.M.

From Lancaster, Pa. take Lincoln Highway East to Greenfield Rd. (at Donut Tree) and turn north onto Greenfield Rd. and proceed to sale. (Across from Mellinger's Cemetery).

ANTIQUES
DROPLEAF TABLE WITH DRAWER; 2 JELLY CUPBOARDS; Oak Sideboard; Benches including Blackboard Bench from Hollow School; Hanging shelves; 2 Commode Boxes; Piano Stool; Clothes Rack with Porcelain Pulls; Oak Commode Seats; Meat Bench; Quilt Frames; BLUE DEC. BUTTER CROCK; Cowden & other Crocks; sev. Pcs. REDWARE; Pull Down Milk Glass Hanging Lamp; Bracket Oil Lamp; Glass & Tin Oil Lamps; Lamp Shades; lots of McCOY POTTERY INC. McCoy Cookie Jars & other Pottery; Simon Derr Parlor Stove (Pottsville); Iron Forks & Ladles; Agateware; Toys & Games; Potato Mashers; Lanterns; Picture Frames; approx. 25 DECOYS WITH GLASS EYES (some signed) & beautiful Fowl Wood Carvings; Unusual Marble Roller; Snitz Dryer; Demi-Johns; Cookie Cutters; Salt & Pepper Collection; Salt Dips; Hershey Paper Weights; LOTS OF LOCAL ADVERTISING PCS. including: DEMUTH'S SNUFF JAR (Lancaster), 1912 Ruby Lanc. Fair Paperweight, 1908 J.K Eaby Christmas Plate, 1908 B.B. Witmer Quarryville Plate, Movie Ads from Colonial & other Lanc. Theatres, HARSH COFFEE CAN (BAREVILLE), ROHRER'S MILK CARRIER & ROHRER'S MILK BOTTLE (Lanc.), other local Bottles & Milk Bottles, Lanc. Humdinger Washer, & Beer Trays.

Collection of Local Yardsticks & Rulers; Cane Collection; Cast Iron Pcs. including: BUTCHER KETTLE & TRIPOD, Trivets, Tea Kettle, Waffle Iron, Sad Irons, Molds, Kettles, Flat Iron & Boot Jack; Lots of Cigar Pcs. including: Boxes, Humidors, Bunchers, Cutters, Boards, Knives & other Tools; Winchester & other Shell Boxes; Dough Scrapers; Oyster Knives; Cherry Seeder; Butter Print & Paddle; Slaw Cutter; Strap Hinges; Rug Beaters; Mouse Trap; Barrel Cradle; Pea & Beam; Lime Duster; Carriage Jack; Nutmeg Graters; Horseshoe Glasses; Marbles; Planter's Peanut Cans; approx. 40 Cobblestones. Shirley Temple Bowls & Pitchers.

ANTIQUE TOOLS
LANC. BEVELED SIDING GAUGE; Wooden Panes; WHEEL HUB AUGER; Scorpe; Post Hole Bucksaw; Adz; Posthole Axe; Axes; SIGNED BROAD AXE; FROE; signed Grain Sickle; Gutter Molds; Twitch; PRR ITEMS including: Shovel, Torch, Chisel & Wrench; Scrap; Folding Rules; Reading Machete; Spoke Shaver; BLACKSMITH TOOLS; Brass Pill Popper; Banana Knife; Oil Can Collection; Cleavers; Hog Scrapers; Horse Hobbies; Blasting Spoons; Signed Butcher Knives; Pumpkin Cutter; Manure Hooks; Hay Knives.

PERSONAL PROPERTY
KELVINATOR F.F. REFRIGERATOR (HARVEST GOLD); Maytag Wringer Washer; 30 in. Elec. Range; LIVING ROOM SUITE (LIKE NEW); Early Am. Loveseat; Maple Double Bed & Dresser; 4 pc. Bedroom Suite; Swivel & Platform Rockers; Sundry Chairs; Dinette Set; Studio Couch; Coffee Table; Stands; Porch & Lawn Furniture; Floor & Table Lamps; Floor Polisher; COLLECTION OF LOCAL CHURCH PLATES; numerous Tumblers; Sm. Appliances; Pots; Pans; Bedding; Linens; Everyday Dishes; Avons; Knickknacks; Wheelbarrow; Garden Tools; Stepladders; Odds & Ends Lumber; and items too numerous to mention.

Note: No out of state checks without current credit reference from bank unless credit has been established with auctioneers.

Auctioneers' note: This sale offers a nice collection of small antiques, local advertising items, and antique tools.

Sale by,
ELMER H. BUCKWALTER

Auctioneers
Ira Stoltzfus & Son, 442-4936
or 442-8254
Jay Leary, 354-0423

Please bring your own chairs & cartons
Parking next door at Mellinger's Church
Food by Ladies Aux. of Bird in Hand Fire Co.
"List Your Sale Today - With Ira, Dale, or Jay"

PUBLIC SALE

THURSDAY, MAY 21

12:00 Noon

Harvestore Silos - Dairy Herd Milking Equipment Farm Machinery

Located 7 miles north of Oxford, 10 miles south of Strasburg in the village of Nine Points, Lancaster County, PA - 1st farm north of Nine Points along Route 896

53 HEAD 53 HEAD

53 head of Registered and Grade, black and white Holsteins, 28 milk cows, 10 bred heifers, 14 open heifers and calves. Yearling stock bull. 1979 herd average 29.8 cows, 17,627 M. 619 Fat; 1980 herd average 31.7 cows, 15,398 M. 555 Fat. Present rolling herd average 15,453 M. 567 Fat 3.7 Test. Sires represented Boot Maker, West Side A B Seaman, Elevation Bob and other popular bulls. Cows bred A-1 and stock bull.

2 HARVESTORE SILOS

20x30 with Hercules unloader, 20x60 with Goliath unloader, built in 1971 and 1974. Structures and unloaders offered individually and as a unit. 20% down, balance in 60 days.

MILKING EQUIPMENT

3 Delaval units, 3 - 50 lb. pails, 1 - 65 lb. pail, Sterling pulsators.

-MILKPORTER SPUTNICK-
FARM EQUIPMENT

Case 930 Diesel Tractor on steel, good condition; Zook 20 ft. manure elevator; Zook manure spreader: Gehl 800 recutter; John Deere blower, long elev., P.T.O.; John Deere corn binder with loader & carrier; John Deere binder for parts; John Deere No. 3 bar mower.

Terms by:
CHRIST R. & KATIE BEILER

Auctioneers:
Steve Petersheim, 215-869-2508
Everett Kreider

Auctioneer's Note: Good production in this herd and potential!

—Lunch Available—

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT MAY 16 - Royal Charolais Annual Bull Sale and Royal Female Sale Location at the farm, Greensburg, PA Managed By Buzz Garey, Garey Cattle Sales, Inc 100 Walnut Lane, Morrisville, PA 19067

MON MAY 18, - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

TUES MAY 19 - 7 00 P M Public Sale of Real Estate, Located at 23 W Hillcrest Ave, Strasburg, PA From the main square in Strasburg go south on Decatur St, 3 blocks and turn right on to W Hillcrest Ave Sale by Thomas S and Phyllis W Ruoss Ira Stoltzfus and Son and Jay Leary Auctioneers

WED MAY 20 9 A M Consignment Sale by David H Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co, Pa Watch for sale signs F Snyder R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

THURS MAY 21 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn 11342 Cragerstown Rd, Woodsboro Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

THURS MAY 21 - 12 00 P M Public Sale for Christ R & Katie Beiler, Rt 3, Quarryville, Holstein Dairy Herd, Registered & Grade, Equipment, Etc. Steve Petersheim and Everett Kreider Auctioneers

THURS MAY 21 - 10 00 A M Public Sale of Tractors Farm and Landscape Equipment, Trucks, Trailers, Tools Sale for Jerry Mueller, Mary Mount Rd, just east of MD Rt 2, about 3 miles south of MD Rt 214, about 10 miles south of Annapolis Vilsmeier Auction Co, Inc

FRI MAY 22 - 7 P M Public Auction of 100 Feeder Cattle and 20 Holsteins, Machinery sold on commission Owner-Lewis R Fink, 269 Stone House Road Carlisle PA 717-249 3224

FRI MAY 22 - 10 30 A M Public Sale of Farm Machinery and Heifers, Located 1 mile north of Churchtown, take Churchtown Rd to Y, turn right on Hammertown Rd, Lancaster Co Nancy S Smucker Owner Frank and Paul Snyder Auctioneers

SAT, MAY 23 - 11 00 AM Linden Farms presents Ultimate I, Linden Farms, Lagrangeville, NY

SAT MAY 23 - Juniata Co, PA Weekend Retreat and Land at Public Auction Located near East Waterford, PA Long Bros Auctioneers 717-527-4784

SAT MAY 23 9 00 A M Public Sale of Farmette Antiques, Household Goods, Cars, Guns and Coins, South Heidelberg Twp Located along Huntzinger Rd (Corner of Mountain Top Rd and Huntzinger Rd Berks Co, PA Terms by George F Koch Estate T Glenn Horst Auctioneer

SAT MAY 23 - 10 00 A M Public Sale of 64 acre Farm, Located Upper Mahanoy Twp, Northumberland Co, PA 1½ miles northeast of Boyer's Butcher Shop, Klingerstown, PA, 20 miles southeast of Sunbury, 5 miles north of Gratz and Rt 25 Glen W Snyder and Susan Snyder Owners George and Mike Diebert Auctioneers

SAT MAY 23 - 11 00 A M Public Sale of 140+ acre Farm Located 10 miles west of Lehighton, 8 miles SE of Tamaqua, along Rt 443 in Beautiful Mahoning Valley, 30 min north of Allentown, W Penn Twp, Schuylkill Co, PA Sale by Craig Shreve Curtis, Doug and Tim Houser Auctioneers

SAT MAY 23 - Public Sale of Real Estate, Farm Machinery, H H Items and Antiques Located ½ mile south of Kratzerville, Snyder Co, PA Between Selinsgrove and New Berlin on Rt 204, turn south on Herman Rd Neil S Moyer Auctioneer Estate of Artie R Kratzer

SAT MAY 23 - 9 30 A M Public Sale of Household Goods, Antiques, Guns, Camera, Trucks, Lawn Tractors, Tools, Building Supplies Located off Rt 34 at Dromgold's Corner, Perry Co, take Pisgah State Rd, go 2 miles turn right on Pisgah Rd go 1 mile Or from Rt 74 take Pisgah Rd at Oak Grove School, go approx 5 miles, Glenn Shutt Owner Kling's Auction Service

SAT MAY 23 9 00 A M Public Sale of Real Estate, Farm Equipment and Household Goods Located along Oak Rd, Rd 2, Conestoga, Manor Twp, Lancaster Co, PA, near Lancaster Forest Fire Crew Base, 2 miles west of Safe Harbor, 1 mile east of Highville Sale by Mr & Mrs Roger N Therrien Howard Shaub and Roy C Probst Auctioneers

MON MAY 25, 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON MAY 25 - 10 00 A M Public Sale of Antique Gas Engines, Tractors, Hand Tools and Literature Located in Hellam Twp York Co, 2 miles north of Hellam exit off Rt 30, north on Kreutz Creek Rd, left on Fahringer Dr, left on Druck Valley Rd Floyd W Miller Owner Blaine Rentzel Auctioneer

MON Memorial Day MAY 25 - Public Auction of Household Goods, Antiques and 40 Guns Located at Rt 2, Manheim, PA along Spangler Road just north of Rt 283 at the Mount Joy-Manheim exit Jay R Kulp, Owner C H Wolgemuth, Owner

TUES MAY 26 - 7 00 P M Public Sale of Real Estate, located at corner of River Rd and Oak Rd, Rd 2, Conestoga, Manor Twp, Lancaster Co, PA about 2 miles west of Safe Harbor, and 1 mile east of Highville Sale by Mr & Mrs Arthur W Knight Howard Shaub and Roy C Probst Auctioneers

250± ACRE TRACT For
MAJOR RESIDENTIAL DEVELOPMENT

Both Sides RT. 222 - 9 MI. W. of ALLENTOWN
ONLY 10 Min. to NE Ext. Pa. TURNPIKE at I-22/78
BREINIGSVILLE, U. Macungie Twp., Lehigh County, Pa.
10,000± Ft. Frontage on Rt. 222, Trexler, Dorney & Old Breinigsville Hwy. • 11 to 61 Ac. Parcels

AUCTION

Subject to Confirmation
As 9 Parcels, Combinations or Entirety

AREA OF NAT'L CORPORATIONS including Schaefer Brewing, Kraftco and Air Products & Chemical Co.

PARCEL 1: 13 Ac. w/circa 1720 2-Family Colonial and Farm Buildings. Zoned LE-2 (Living Environment-Suburban District). Portion Zoned LE-3. Traversed by Schaefer Run Stream.

Inspect Residence - Day of Sale

SALE on Premises: SATURDAY, MAY 9 at 11 A.M.
15% DEPOSIT AT SALE—REQUEST ILLUSTRATED BROCHURE

Louis Traiman
AUCTION CO. OF PA.
Real Estate Brokers — AUCTIONEERS
1519 SPRUCE STREET PHILADELPHIA PA 19102 (215) 545 4500

AUCTION SALE

COMPLETE LIQUIDATION
LATE MODEL FARM TRACTORS, FARM & LANDSCAPE EQUIPMENT, TRUCKS, TRAILERS, TOOLS

THURSDAY, MAY 21, 1981
10 A.M.
Harwood/Annapolis, MD

Everything Sells to Highest Bidder.

For: Mathias (Jerry) Mueller, landscape contractor, on Mary Mount Rd., just east of MD Rt. 2, about 3 miles south of MD Rt. 214, about 10 miles south of Annapolis. 1980 JD 2640B diesel tractor; 1979 JD 2240 diesel tractor; 1975 JD 2630 diesel tractor w/loader; JD 2020 gas tractor; IHC 350 gas tractor; Reinco HSJ-15FX Hydrograsser; (2) Reinco Mulchers; Plows; Discs; Rotovator; Cultipackers; Spreaders; Mowers; Balers; etc; 79 Chev C30 Crew Cab P/U w/air; (2) 73 Chev C30 Crew Cab P/U's; 72 Chev C60 Dump Stake; 71 IHC 1890 Water Tk.; 71 IHC 1890 20' Flat; Other Flat Trucks; Tractor; Fruehauf Lowboy & 9 ton Tagalong; Welder, Radios; Tools. Everything Sells regardless of Price.

TERMS: COMPLETE PAYMENT SALE DAY in Cash or Guaranteed Funds Only.

Write or phone for more info:

VILSMEIER AUCTION CO., INC.

Route 309, Montgomeryville, Pa. 18936.
Telephone: (215) 699 5833

PUBLIC SALE

OF NEW TOOLS, HARDWARE, QUILTS, LAWN EQUIPMENT, SPORTING GOODS

SATURDAY, MAY 16, 1981
10:00 A.M.

Located along Rt. 23 in the Village of Goodville, at the Fire Hall, two miles East of Blue Ball, East Earl Twp., Lanc. Co.

Portable Hand Tools; Routers; Electric Drills; Belt Sander; C and Bar clamps; Bolts; Nuts, Vises; Hardware; Dinner Bells; 10" Rockwell Radial Arm Saw; 5" Bench Grinder, like new, 2 Michelin LR 75-15 Tires, like new; 2 Used Reel Mowers; Lumber; Drawers; Doors; Hardware from Rutt's Kitchen; New Rug Remnants; Vinyl Floor Covering; Furniture and Household Goods.

SAVAGE 22/20 OVER—UNDER RIFLE SHOTGUN.

CHICKEN BAR-B-QUE
QUILTS at 2:00 P.M.

Double Wedding Ring; Trip Around the World; Ragged Star; Counter Pane; Baby Quilts; Knotted Comforts.

NOTE: This is only a part listing, many more items. Items sold on donation or commission, please bring things evenings week of sale or all day Friday, May 15. Call 215-445-4040 for information. Come early and enjoy the day with us.

Sale for
GOODVILLE FIRE CO.

Local Auctioneers
Lunch Served by Ladies Aux.
Not Responsible for Accidents or Items

PUBLIC SALE

OF REAL ESTATE
(2½ Story Frame House)

ANTIQUES, HOUSEHOLD GOODS LUMBER, TOOLS & TRUCK

SATURDAY MAY 9
At 10:00

Located at 3 W. Kendig Rd., south of Lancaster, Village of Willow Street, West Lampeter Twp., Lanc. Co., Pa. (Between Rt. 272 Southbound & Rt. 272 Northbound.) Real Estate: 2½ story frame house w/green asbestos siding, 8 rooms & full bath. Separate 1½ story frame 1 car garage w/workshop & utility shed. Lot size: 61' frontage along Kendig Rd. by 280' depth more or less. Property will be open for inspection Sat's., April 25 & May 2 from 1 until 3. Real Estate to be sold at 2:00

Whirlpool 2 door refrig. frost free; Norge chest freezer; Frig. auto washer; Frig. auto. dryer; Frig. 8,000 BTU window air cond.; elec. Singer commercial sewing mach; Sears port. colored TV; maple cabinet w/stereo radio & record player; elec. window fan, early pine dough table; curly maple desk; other furniture in uph., oak, walnut, mahg., maple, chrome & metal. Picture frames. Bottles: J&H Casper, Lanc., F. Engle, Lanc. & others. Iron muffin pan; milk cans. Orange (N), dark & opalescent Carnival; pressed, Fiesta, Nippon, etched, milk glass, Eng. & other good glassware & china not listed. Kitchen articles; Bell & Howell super 8 movie projector; Argus super 8 movie camera; 1971 Ford 100 - 6 cyl. pick-up truck w/dbl. tool boxes, stick shift in A-1 shape; David Bradley garden tractor w/old iron wheels; rotary mower; leaf chopper; air compressor; 2 metal wheel barrows; 9" Craftsman radial arm saw; 28' alum., 40' alum. ext. & 4 wooden step ladders. Elec. motors; 7 HP boat motor; well pump; elec. B&D disc sander; elec. vibrating sander; bench grinder; paint sprayer; wooden work bench; shop, hand & garden tools; metal tool boxes; misc. hardware; sash; lumber & other misc. articles not listed.

NO OUT OF STATE CHECKS ACCEPTED.
Food served.

Sale by
MR. & MRS. LAWRENCE A. FOULK
Sam Ferguson Musser Atty
Howard Shaub Auctioneer 464-3541
and Roy C. Probst 464-3190

ROGER APPLETON

COMPLETE DISPERSAL

Cattle, Machinery

TUESDAY EVE., MAY 12
at 7:00 P.M.

Wyoming, NY. Located on Rt. 19, 2 mi. south of Pavilion, 5 miles north of Wyoming, and 10 miles north of Warsaw. Having sold my farm will sell:

110 Head of Hi-Grade Holstein Cattle: Including 56 cows in milk, 21 heifers bred for summer and fall, 22 yearlings, 7 started calves, 4 service-age bulls.

This is a good spring and summer dairy of freestall cows. Sired by top ABS and Curtiss A-I Sires. The cows averaged nearly 15,000 at the plant last year. Plus an exceptionally well grown group of bred heifers. Don't miss this sale for freestall cows that milk, with 10 head fresh in the last two months and big bred heifers ready to go home and milk Cattle will be examined by a veterinarian for pregnancy and will have shipping fever innoculations.

MACHINERY: Case 970 diesel tractor w/18.4x38 rubber, and cab w/heater; Oliver 1800 gas tractor, set of 18.4x38 and 18.4x34 duals; JD #170 skid steer loader; Ferguson tractor, good rubber; Mohawk 11-tooth chisel plow; Case 13' offset disc; 12' A-C transport disc; Brillion 12' cultimulcher; 12' drag; JD 35 chopper w/hay head and 2-row corn head; two Papec self-unloading wagons w/3-beaters; one Lamco 3-beater self-unloading wagons; 1980 NH Whirl-A-Feed blower; Badger blower; INT. 990 haybine; INT. basket rake; INT. 46T baler; 5 flat rack wagons; 30' JD hay & grain elevator; 12' hay elevator; NH 673 tandem axle spreader w/hyd. end gate; JD 410 mixer wagon; power washer; acetylene torches; JD 28' implement trailer; 25-45 KW Winpower portable generator on trailer; h.d. battery charger 6-12 24 volt; 215-amp welder; h.d. hand grinder; nut & bolt cabinet and contents; 1" h.d. drill; Dairy-Vac; misc. small tools and equipment.

TERMS: Cash or good check day of sale with ID, nothing to be removed until settled for.

CREDIT: Available by contacting Doug Kendall, Genesee Country Bank, Warsaw, NY. Phone 716-786-3195 prior to the sale.

Owner,
ROGER APPLETON
Ph. 584-3779

WILLIAM KENT, INC.
Sale Manager & Auctioneers
Bergen, NY Ph. 716-494-1890

Public Sales Register

Closing Date - Monday, 5 00 P.M.
of each week's publication

FRI MAY 29 - Perry Co Farm and Woodland at Public Sale Located 45 miles NW of Harrisburg, along Rt 850 2 miles east of Honey Grove Long Bros Auctioneers.

FRI MAY 29 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. MAY 29 - 6.30 P M Holstein Heifer & Steer Auction Located at R D 1, Blairs Mills, Huntingdon Co, Pa Owner Ronald L Moore Sale by Kling's Auction Service

FRI MAY 29 - 6 30 P M Public Sale of Holstein Heifers and Steers Located at Rd 1 Blairs Mill, Huntingdon Co., turn off Rt 75 1 mile south of Waterloo, 5 miles north of Doylesburg, turn right on Mountain Foot Spur Rd 1st farm Ronald Moore Owner Kling's Auction Service

SAT MAY 30 - 10 A M Public Sale of Household Goods, 15 Guns including Parker 10 ga double, Ansley Fox 12 ga double, Fox Sterlingworth 12 ga double & 2 Winchester pump model 12 20 Antique gas engines, 1919 Case tractor, 40 Antique cast iron seats Located 1 mile North of Bird-in-Hand, Pa on Gibbons Rd Sale by Aaron P Miller Auctioneers Steve Peter sheim & Paul Z Martin

SAT MAY 30 - 10 00 A M Public Sale of Farmette, Farm Equipment, Household Goods, Antiques, Collectibles Located in the Village of Pitman, Mahantongo Valley, Schuylkill Co, PA 5 miles north of Hegins, 9 miles south of Shamokin Grant Herring Owner George and Mike Deibert Auctioneers

SAT MAY 30 10 00 A M Public Sale of Personal Property and Coins Located 1 ½ miles east of Hahnstown along Hahnstown Road Paul Z Shirk, Owner Paul W Horst and Leroy S Horst, Auctioneers

SAT MAY 30 - 9 00 A M Public Sale of Blacksmith Tools, Antiques and Wagons, (2 seat surry with fringe on top, excellent condition, 2 Conestoga covered wagons) Located from Lancaster take Rt 272 to Rt 222 to Rt 1, turn north, 5 miles to Red Pump Rd to Freemont Rd or from Oxford take Rt 1 south to MD line, go 2 mi turn north on Red Pump Rd Terms by Helen Swack Estate of John A Swack deceased Lloyd H Kreider, Randal V Kline and Gary L Shirk Auctioneers

SAT MAY 30 9 00 A M Public Sale of Real Estate, Antiques and Collectibles Furniture and Household Located 2 miles south of Bloomsburg Rt 42 in the Village of Rupert, corner of Rupert Dr and Hunter Street, I 80 Exit 34 to Rt 42 George Frees Owner Hock's Auction Service

SAT MAY 30 - 11 00 A.M Public Sale of 25 acre farm and Personal Property, Located at Rd 2, Mohnton, from New Holland Rd, take Church Rd to Reed Rd, turn left, go 1 block to Hunter Rd, turn left to property Allen Witmer Estate Elton and Alvin Horning Auctioneers

JUNE

MON JUNE 1, - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

WED. JUNE 3 - 9 A M. Consignment Sale by David H. Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co, Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer.

THURS JUNE 4 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

FRI JUNE 5 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction. Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT JUNE 6 - 1:00 P M Public Sale of Farm and Woodland Located in Central PA Juniata Co. For information contact Long Bros 717-527-4458

SAT. JUNE 6 - 2.00 PA's 5th Performance tested yearling ram sale PA Dept. of Agriculture Meat Animal Evaluation Center, 651 Fox Hollow Rd, State College, PA 16801

FEEDER SALE!

Wed., May 6
7:00 P.M.
Four States'

HAGERSTOWN, MD.
call: 301-733-8120

BERNHEISEL ESTATE AUCTION

FRIDAY, MAY 8
9:30 A.M.
Selling at 239 W. Main St., New Bloomfield, Perry Co., Pa.
REAL ESTATE — 1:30 P.M.

All that certain property situated on the south side of West Main Street, known and numbered at 239 W. Main St., New Bloomfield, Pa., having a frontage of 70 feet on W. Main St.; a width of 70 ft. along a public alley at the rear thereof, and being 150 ft. in depth, having thereon erected a 2½ story dwelling house with oil, hot water heat, 8 rooms, 1½ baths and full basement, together with an exterior garage thereon.

TERMS OF REAL ESTATE: 10% down; balance in 30 days, other terms at time of sale.

This property will be offered promptly at 1:30 P.M. This is a fine, well-kept property and will be open for inspection on Wed., May 6, 1981 and may be inspected at any other time by calling Mrs. Martha Grenoble at 582-2042 or 582-2551.

LOYSVILLE BANK STOCK

At 1:15 P.M. the executrix will offer for sale 195 sh. of the capital stock of First National Bank of Loysville, Pa. The successful bidder shall have the right to buy all shares or as many shares as he desires in increments of 10 shares.

ANTIQUES

Seth-Thomas Mantel Clock (runs); 4 ft. high Wall Clock-Wooden Works (This clock has been in the family for over 200 years; Walnut Drop-leaf Ext. Table with bds.; Walnut Drop-leaf table with drawer; Cherry Drop-leaf Table; Walnut 4-leg Wash Stand with Towel Racks; Dry Sink; Blanket Chest; Oak Commode with fold-up arm rests; Secretariet Desk with 4 full bottom drawers; Pie-crust Round Table; 5 Hand-painted Plank-bottom chairs; 5 Plank-bottom Chairs with rung backs; Oak Flower Stands; Wheeler & Wilson Treadle Sewing Machine; Antique Dresser with Wooden Jewelry Boxes; Antique Vanity Mirror & Comb Set; Set of Porcelain Dishes; Cut Glass, Pressed Glass of all Kinds; Cane Seat & Back Rocker; Several Rockers (Ladder-back, some with rush seats, some with spring seats); Victorian-style Sofa; Side-Board; Asst. of Baskets; Blind Walnut Bookcase; Mahogany Card & Game Table; China Closet; Oak Bed; Antique Stands; Several Chests of Drawers; Several Dressing Tables; Several Wooden-framed Mirrors; Shadow-box Picture Frames; Pictures; Braided Rugs; High-boy; Trunks; Antique Floor & Table Lamps; Copper Teakettle; Crock Salt-Bucket.

HOUSEHOLD GOODS

G.E. Avocado Refrigerator (Like New); Breakfast Set & 4 Chairs; Roll-Away Bed; Electrolux Vacuum; Mattresses, Box Springs, Bedding; Asst. of Household Dishes, Pots & Pans; RCA Color T.V.; Single Bed; Dressing Table; G.E. Air Conditioner; Deep-freeze; Overstuffed Chairs; Small Appliances; Small Appliances; Assortment of Garden Tools, Rotary Mower, Etc.

"This is only a partial listing - More Antiques & Valuables are turning up everyday!"

Lunch Stand - Terms: Cash or Traveler's checks only! I.D. Required for Bidding No. Not Responsible for Accidents.

MARTHA K. GRENOBLE,
Executrix of the Estate of
EDITH E. BERNHEISEL, DECEASED
Charles Kugler, Attorney
Sale by: Kling's Auction Service
Landisburg, Pa.

Good's Auction

111 North Maple Ave.
Leola, PA

Hay, Straw & Grain Sales
Every Wednesday
12:00 Noon

Farm Machinery
First and Third Wednesday
January thru November
starting at 9:00
With 6 Auctioneers

Tools and Hardware
Lawn & Garden Equipment
12:00 Noon
Farm Machinery - 12:30

No out of state checks
No household Goods, no clothing.
No poultry Equipment or scrap tin.

DAVID H. GOOD & SONS
RD 1 Leola, PA 17540
717-656-9558

AUTOTORE'S AUCTION

SATURDAY, MAY 9
starting at 10 A.M.
Benton, R.D. 2, off route 487 North of Benton, 3 miles-turn at Camp Levine toward Elk Grove 7 miles, .2 tenth mile (Follow Auction Signs).

Canadian Aces are dissolving partnership and selling the following.

Real Estate -
Household - Collectibles

4 leg Mission Oak table, 9 pc. Duncan Phyfe dining room suite, wing-back chairs, parlor stands, Westinghouse Ref., 40" gas range, Maple bunk beds, Waterfall chifforobe, double Maple bed, gun racks, dishes, cooking utensils, Saw Smith 8" Radial Arm Saw, Pittston coal stove (Tan), butchering kettles, Craftsman H.D. Jigsaw, Ford Fairlane 2 door sedan, 6' truck cap, 2 Walnut 28" slabs, corn sheller, lard press, faning mills, sulky shaft, Benton Wagon, buggy seats, whiskey barrel, hay forks, 2 row hand duster, walking 'plows, Sears 12 H.P. Tractor W/3 pt. hitch, snow blower, blade & wheel weights, 250 gal. feul tank, plus many unlisted items.

Real Estate to be offered at 1 P.M.

Located in Sugar Loaf Twp. Columbia County, within walking distance of Fishing Creek (fishing-swimming) & adjacent to State Game Lands. Ideal for retired couple in a beautiful surroundings on app. 6 acres a 20'x40' cottage offering 2 bedrooms, lg. dining & kitchen combination, bath, Stone fire place heat W/supplementary elec. base board heat, full cellar, 200 amp. service, excellent, water (well), and ample septic system.

To preview real estate prior to auction, an open house will be held on Sunday, April 26, 12 noon till 3 P.M. & May 3 12 noon till 3 P.M.

Terms - Personal Property - Cash.

Real Estate - $3,000 down day of auction balance in thirty days. Buyer pays all transfer taxes. Statements made day of auction regarding real estate will take precidences over any previously written material.

Sellers,
CANADIAN ACES
Attorney William Kreisher

Auctioneers:
John Autotore 784-3506
John Jr. 784-0381

FARM & WOODLAND
AT
PUBLIC SALE

SATURDAY, JUNE 6
1:00 P.M.
Located in Central Pa., Juniata Co.

TRACT 1 - 130 acres farm, approx. 100 ac. tillable.
TRACT 2 - 48 acres mt. land.
TRACT 3 - 74 acres mt. land.
LOT 1 - 3½ acres.
LOT 2 - 3½ acres.
LOT 3 - 2½ acres.

For Brochure, Contact:
Long Bros., Aucts.
R.D. #1
Port Royal, Pa. 17082
Ph. 717-527-4458

PUBLIC SALE

OF VALUABLE REAL ESTATE AND FARM MACHINERY
SATURDAY, MAY 9
10:30 A.M. SHARP

Located 6 miles southwest of Mt. Pleasant Mills. 10 miles northwest of Liverpool or 2 miles northeast of Oriental, near Pennsylvania Game Lands.

REAL ESTATE

Farm consists of 103 acres - more or less - of which approximately 67 are tillable, balance is timber and pasture land. Large two story frame dwelling with porch on 3 sides and modern conveniences. Frame bank barn, implements shed, and minor outbuildings. This property has a good location and a lot of road frontage, would make a good produce or truck farm.

ANTIQUES

Copper Kettle; Old Toys of All Description (cast, tin, glass, and wood); Cut and Pressed Glass Ware; Green Berry Set; China Ware; Carnival Glass; Spinning Wheel Chair; Old Chairs and Stands; Old Post Cards; Crocks; Child's Rocker; Doll Cradle; Small Dropleaf Table; Card Table; Old Trunk; Child's Iron; Picture frame made from World War I Shells; Box of Piano Rolls; Old Stands; Picture Frames; Old Earthen Vases; Meat Bench; Meat Grinders; Lard Press; Corn Dryer; Dressers; Wash Stands; Cast Iron Kettles; Porch Swing; Rocking Chairs; Two Plate Space Heater.

GUNS

257 Roberts in Winchester Model 70 with Scope; Remington 222 Cal.; Ithaca Model 37; 16 Gauge Shotgun Pump; 22 Cal. Pump; Fishing Rods and Tackle; Electric Pencil Engraver.

TOOLS

Echo 301 Chain Saw; Miter Box; Black and Decker ½", Electric Drill; ¼" Electric Drill; Saber Saw; ¾" Socket Set; ½" Socket Set; Miscellaneous Hand Tools; Black and Decker Skill Saw; Bench Grinder; Stillard Scales; Hand Saws; Extension Cords; Log Chains; Tap and Dye Sets; Hammers; Forks and Shovels; Sythes; Ice Cream Jack; Bushel Baskets; Hand Cultivators; Rakes; Acetylene Torch and Tanks, Complete with Cart; Pruning Shears; Miscellaneous Lumber; 28 Ft. Aluminum Extension Ladder; Battery Electric Fencer; Chicken Coops and Feeders.

FARM MACHINERY

Jubilee Ford Tractor (good rubber and nice condition); 3 Pt. 8 Ft. Spring Tooth Harrow; Woods 5 Ft. Rotary Mower, 3 Pt., Ferguson Cultivator, 3 Pt.; Ford 3 Pt. 7 Ft. Sickle Bar Mower; Ford 2 Bottom Plow; 6 Ft. Angle Blade, 3 Pt.; Tractor Chains; Steel Drums; 2-Row Corn Planter, 3 Pt.; New Idea 12A Tractor Spreader on Rubber; Hog Gallows; Toro 770 Riding Tractor with Mower; Rototiller; Miscellaneous Lawn Mowers; Miscellaneous Articles Too Numerous To Mention.

Owner and auctioneer not responsible for accidents.

Terms of Sale - Personal Property - Cash Real Estate - 20% Down - Balance In 30 Days. Real Estate Will Be Offered At 12 P.M.

For Information On Real Estate
Call 539-8469
Personal Property Can Be Seen
May 7 and May 8 from
9 a.m. to 7 p.m.

Owner,
MRS. MILDRED M. ARNEY
Attorney J.F. Robinson
Hoffman, Jones & Longacre,
Aucts.

REFRESHMENTS

SPECIAL HORSE SALE
DRAFT HORSES, MULES & DRIVING HORSES

FRIDAY EVENING, MAY 8

Tack 6:30 P.M.
Horses 7:00 P.M.
Horses Hitched at 12:00 noon

AT NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

2 Load Draft Horses, Mules and Driving Horses consigned by Ward Wright.

1 Load Driving Horses consigned by Jonas Beiler.

1 Load Driving Horses consigned by Don Boring.

1 Load Standardbred Driving Horses consigned by Clayton Waterbury.

1 Load Standardbred Driving Horses consigned by Reuben G. Stoltzfus.

1 Load Driving Horses consigned by Ben King.

Plus many more consignments.

For more information contact:
Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538

PUBLIC SALE

OF VALUABLE FARM REAL ESTATE
THURSDAY, MAY 7, 1981
1:30 P.M.
Situated in No. Lebanon Twsp. Leb. Co. Pa. Fronting along Tunnel Hill Road.

56-Acre—Farm Real Estate—56-Acre

Consists Of Approx. 48 Acres Cultivated Cropland. Balance Known As Abandonded Union Canal With Farm Pond. Improvements Thereon 2½ Story 14 Room Frame Dwelling. 1st Floor; 7 Rooms With Modern Kitchen Built-in Appliances, Laundry, And Powder Room. 2nd Floor; 7 Rooms And Bath. Attic, Full Basement, Oil Fired Hot Water Heat. Outbuildings Consist Of 36' x 90' Bank Barn With 8 Horse Box Stalls. Well With Pressure Water System, Water Piped To Necessary Buildings.

2-Acre—Real Estate—2-Acre

Consists Of Approx. 2 Acre Tract. Improvements Thereon. 2 Story 4 Room Frame Dwelling. 1st Floor; 2 Rooms, Bath With Shower, 2nd Floor; 2 Rooms. Outbuildings Consist Of Horse Barn Having 6 Box Stalls and Tack Room. 2 Brooder Houses, 2 Car Garage And Storage Room.

Owners:
JOHN B. MINNICH & SONS INC.

127-Acre—Frame Real Estate—127-Acre

Containing Approx. 100 Acres Cultivated Cropland. Approx. 10 Acres Woodland With Heavy Timber. Balance Pasture Land. Small Spring Fed Stream. ¼ Mile Macadam Lane Leading From Tunnel Hill Road. Improvements Thereon. 2½ Story 11 Room Masonry Brick Dwelling With Attached Summer House. 1st Floor; Modern Kitchen With Built-in Applicances, And Fireplace, Dining Room, Den, 13'x30' Living Room With Fireplace, 2 Powder Rooms. 2nd Floor; 5 Rooms, and 2 Bathrooms. 3rd Floor; 2 Finished Rooms, And Abundance Storage Space. Finished Basement With Large Family Room, Fireplace, And Built-in Bar. Laundry Room, Furnace Room, Arched Brick Cold Cellar. Outside Entrance To Basement Is Walk In Ground Level. House is Carpeted Throughout. Oil Fired Hot Water Baseboard Heat. This Is An Exceptional Dwelling. And Deserves Your Inspection. Outbuildings Consist of 40'x 100' Bank Barn With Cemented Pen Stabling. 12'x40' Concrete Silo. 30'x36' Corn and Equipment Storage Shed. Hog Sty. 2 Wells With Pressure Water Systems. Water piped To Necessary Buildings. Buildings In Excellent State Of Repair.

Owners:
CLIFFORD A. MINNICH
JOANNE M. MINNICH

SALE TO COMMENCE AT 1:30 P.M.
Inspection By Appointment. Call (717) 272-2068 or 272-0888.
Auct.: Earl S. Buffenmeyer
Attorney: Thomas A. Ehrgood

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

MON. JUNE 8, - 2 P.M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

TUES JUNE 8 - 9 30 A.M Consignment Sale. Located at S Race St., Myerstown, Pa 17067 Sale held by Wengers Farm Machinery, Inc

FRI JUNE 12 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction. Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

MON JUNE 15, - 2 P.M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

WED JUNE 17 - 9 A M Consignment Sale by David H. Good located ½ mile North of Route 23 on North Maple Ave in Leola, Lancaster Co, Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry and L Horst, Auctioneer

THURS JUNE 18 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown Rd, Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

FRI JUNE 19 - 5 30 P M. Gap Auction Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT JUNE 20 - 6 30 P M. Danville Livestock Market, horse sale. Located Old Route 11, Danville, PA Melvin M. Lehman, owner

MON JUNE 22, - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

FRI JUNE 26 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

MON JUNE 29, - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

JULY

THURS JULY 2 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer.

MON JULY 6 - 2 P.M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT JULY 11 - 10 A M Benefit Sale for Haneyville Fire Co. Located at the Haneyville Fire House North of Lock Haven, Pa along Rt. 664 Auctioneers Ira Stoltzfus & Son & Jay Leary

THURS. JULY 16 - Monthly Cow Sale at the Melvin Kolb, Inc. Sales Barn, 11342 Cragerstown Rd, Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

FRI JULY 17 - 5 30 P.M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT JULY 18 - COLONIAL INVITATIONAL, at Bratton Charolais Farm (Raymond Bratton, owner), McVeytown, Pa. Sale sponsored by the Colonial Charolais Association Sale managed by. Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067

SAT JULY 18 - 6.30 P.M. Danville Livestock Market, horse sale Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON JULY 20 - 2 P.M. Danville Livestock Market, cattle and hog auction. Located Old Route 11, Danville, PA. Melvin M Lehman, owner

MON JULY 27 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

FRI JULY 31 - 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

AUGUST

SAT AUG 1 - 1 00 P M Reg and Grade Holstein Bred Heifer Sale, splendid grade, mostly due Aug and Sept Off Rt 54 and 44 near Turbotville, PA, Northumberland Co Lewis and Ruth Brown, Owners Carl and John Diller, Auctioneers

PUBLIC AUCTION

OF REAL ESTATE
Construction and Building Equipment, Building Materials — Motor Home
SATURDAY, MAY 9
11:00 A.M.
Real Estate at 2:00 P.M.
Location: Take Route 422 West from Reading or East from Lebanon to Womelsdorf, at Womelsdorf take Route 419 North to 2nd road right 3 miles to property on left. From Bernville and Route 183 follow Christmas Village signs 1½ signs past Christmas Village. Jefferson Township, Berks County, PA.

27 Acre Tract of Land

with approx. 232 feet of road frontage plus a 60 foot right of way.

18 Acre Tract of Land

with approx. 280 feet of road frontage plus a 63.43 foot right of way.

ZONING: Rural Agricultural.

REAL ESTATE TERMS: 10% down day of Auction, balance at final settlement within 30 days.

NOTE: These two fine tracts ofland could be considered for a variety of uses, including the Gentleman Farmer who needs this extra acreage. To inspect these properties please call Melvin S. Allgyer at 215-488-6981. These properties to be offered separately and as a whole.

1973 International 3500 Backhoe

with 12 and 24 inch buckets. Good condition.

1976 International Loadstar 1800 Series Dump Truck

64,000 miles, 440 engine, air brakes, dual tanks, 36,00 GVW, trailer hitch, very good condition.

STONE MORTAR MIXER with Wisconsin Engine; 3-pt. Hookup Cement Mixer; Dial-N-Angle Portable Saw Table; Port-A-Screed Concrete Vibrator; Marshalltown No. 30-4-1 Power Troweler; Ceramic Tile Cutter; Port-O-Brake No. DL-1260; Sears 4 H.P. Roto-Spader; 300 gallon Skid FuelTank with Pump; Ideal 4x5 Metal Scaffolding 7 Sections with 6 Castors; 27 Adjustable Roof Jacks; 4 Pole Jacks; 32-Foot Fiber Glass Extension Ladder; 4-Foot Aluminum Concrete Float and various other Floats and Trowels; Sears 2000 Watt Portable Generator; Grindstone; Forge; Berger Transit Level with Tripod and Rod; Hot Air Furnace; Wheelbarrow; Buckets; 2 Hand Tampers; Shovels; Rakes; Milk Cans; Century Trailer Sprayer.

Lumber and Building Materials

Lots of Lumber including 150 Board Feet Dried Walnut; Dried Heavy Rough Ash; 2x4; 2x6; 2x10; 2x12; 2x12 Scaffold Planks; Colonial Casing Molding; 5'x6' Bow Window, Lot of Miscellaneous Building Lumber; 22 pair 5'10" Old Wooden Shutters; lot of Old Terra Cotta Shingles; Misc. Building Materials including, Shutters, Nails, Aluminum Siding, Plywood, Pipe, Ceramic Tile, Screens, Shingles, lot of Bundles of Wooden Shingles, Electrical Supplies; and many other items too numerous to mention. All herein information deemed reliable but not guaranteed.

1978 Coachman Leprechaun 22-Foot Motor Home

Built on GMC 35 Vandura Chassis, Radio, Heater, Automatic, Dual Air, 23,000 Miles, Self-Contained, like new.

Auction by,
MELVIN S. & NANCY K. ALLGYER
R.D. No. 2, Bernville, Pa. 19506
215-488-6981
Henry Steiner Attorney
Auction Conducted by,
John E. and Paul E. Martin, Auctioneers
717-733-3511 — 717-733-3305 - Ephrata, Pa.
Food at Auction

PUBLIC SALE

of 11 Acre Farm plus 1 Building lot
SAT., MAY 9
@ 11 A.M.
Located at west end of Frystown. Go to blinker light in Frystown then go west on Frystown Rd. to Meckville Rd., turn right to property. Location - approx. 2 mi. from Frystown Interchange of Rte. 78. Bethel Twp., Berks Co.

REAL ESTATE

Land: 11 acres all open ground. Terrain level to gentle slope.
House: 2½ story frame, tin roof, cement floor basement, coal hot air heat. 1st. flr. has kit., living rm., fam, rm. & utility rm. 2nd. flr. has 5 bdrms. & full bath. water supply by well & pressure system.
Barn: 40'x32' frame bank barn, tin roof, open stables.
Garage: Cement block 2 car, also 1½ sty. brick building w/fireplace.
Storage Bldgs.: (2) 18'x32' frame.
Comments: This property is located in a very nice area, all level ground around buildings, some old shade. Inspection anytime by appt
Terms: 10% dn. day of sale. For information call: HORNING FARM AGENCY, INC. 215-286-5183.

RESIDENTIAL BUILDING LOT

225'x225' all open ground with very nice location. Terrain very gentle slope. Located @ northwest corner of farm, to be offered separately or as an entirety.

Terms By
MELVIN S. & EMILY P. ZOOK
Elton & Alvin Horning Auctioneers
HORNING FARM AGENCY, INC.
Main Street
Morgantown, Pa.
215-286-5183

THE 1981
ROYAL BULL POWER SALE
& ANNUAL FEMALE SALE
at the farm, Royal Charolais Company, GREENSBURG, PA.
SATURDAY, MAY 16
12 NOON
65 LOTS
30 POLLED CHAROLAIS BULLS
(The largest Charolais Bull Sale in the area)
35 FEMALES

THE BULLS:
- For the commercial man and purebred breeder
- All are Polled
- Guaranteed breeders (backed by Royal integrity)
- 11 years of performance and progeny testing
- Guaranteed easy calving
- Classified by Herman Purdy
- 20 sons of Expectation (Polled) National Grand Champion Bull

THE FEMALES:
- Fall cows/calves
- Spring cows/calves
- Transplants
- Open Heifers

Breeding privileges to any Royal herd sire.

DELIVERY
Delivered to your farm for only $100 per animal.

For Catalogs Write:
BUZZ GAREY, Sale Manager
Box E, 100 Walnut Lane, Morrisville, Pa. 19607 (215) 295-6664

Notice is hereby given that pursuant to Order of the Orphans' Court Division of the Court of Common Pleas of Lancaster County, Pennsylvnia, the following premises will be offered at Public Sale on

SATURDAY, MAY 16, 1981
At 2:00 P.M.

All that certain tract of land with improvements thereon erected, situated on Noble Road between Nine Points and Christiana, 2 miles West of Christiana, Sadsbury Twp., Lancaster County, Pennsylvania, more fully described in a deed recorded in the Recorder's Office of Lancaster County, Pennsylvania in Record Book H, Volume 37, Page 193.

The terms of said sale will provide that ten percent (10%) of the purchase price be paid upon the property being conditionally struck off and the balance of purchase price sahll be paid at settlement to be held on or before June 30, 1981. Adequacy of purchase price shall be passed upon by the Judge of the Orphans' Court Division of the Court of Common Pleas of Lancaster County, Pennsylvania on the return date of the said sale, which has been set for Thursday, May 21, 1981 at 9:00 A.M.

Sale by
Hamilton Bank, guardian of
William M. Wood
Kersey A. Bradley, Auct.
Windolph, Burkholder,
Stainton & Gray, Attorneys

MACHINERY & STOCK TRUCK
AT
PUBLIC SALE

THURSDAY EVE., MAY 7
7:00 P.M.

Located on south side of Port Royal, follow direction signs off Rt. 75 at 6th & Market St.

STOCK TRUCK
1972 Int. Loadstar 1600 truck w/15' cattle bed w/side & rear, spring lift, loading ramps & roll-up ½ door in rear, power steering, bed in good cond., engine just completely overhauled, 8:25 - 20 tires, good rubber.

MACHINERY
Ferguson 35 tractor, good cond., good rubber; Kelly loader now on Ferguson, used very little; PLEASE NOTE – tractor & loader will be offered separate & then as one unit; Ford 641 Workmaster tractor, good cond., good rubber; Oliver 3242, trip back, 2-16, 3 pt. plows; Ferguson, 3 pt. cultivators; M.F. 7' - 3 pt. scraper blade; N.H. #55 rake; 10' disc; N.H. #450 - 3 pt. 7' mower; McC. 2 row disc corn planter w/3 pt. and tung; 2 - 16' flat bed wagons; 30' Harvey #300 hay & grain elevator, folding sides, w/1 hp. elec. motor; 8' dbl. cultipacker; 3 section harrow; N.I. #12A manure spreader; 3 sheet metal gates, 10, 12 & 14' long; the usual misc. farm items.

PLEASE NOTE - Be on time, very few small items

TERMS — CASH OR GOOD CHECK LUNCH

OWNER,
MRS. HAROLD H. "Whitey" MOYER
Long Bros., Aucts.
Ph. 527-4784

LEE D. DOCKEY AUCTIONEER
ESTATE LIQUIDATOR APPRAISER
Box 164 Pillow Pa 17080
Phone 758 6004

PUBLIC SALE

SATURDAY, MAY 9, 1981
9:00 A.M.

Located 1 mile East of Mandata, Pennsylvania, ½ mile North of Route 225, 5 Miles South of Herndon. Watch for sale signs along Route 225 day of sale.

REAL ESTATE
23 ACRES, more or less, situated in Jackson Township, Northumberland County. Having thereon a 10' x 52' mobile home, heated by a hot water oil furnace and assorted out-buildings. For additional information on real estate, phone 717-758-3706 or 717-758-6142. Real Estate to be offered at 1:00 P.M.

200 SHARES OF
SEABOARD INDUSTRIES LIMITED

STEAM ENGINES
Payne Upright Automatic Steam Engine, App. 4 h.p. with Boiler; 2-Cylinder Steam Engine with Steam Turbine-Electric Generator; Troy Steam Engine 170 RPM 12" Bore 8" Stroke; "Detroit Electric" Steam Lubricators; Frick 150 lb. Steam Gauge; Crossby Brass Steam Gauge; Steam Oilers; Flat Pulleys; Steam Whistles; 200 lb. Skinner Steam Gauge; Steam Injectors; Steam Engine Governor; Steam Whistles; Etc.

WELL DRILLING ITEMS
Sander-Cyclone Type 42 Well Drill on International Load Star 4x4 1600 Truck; 8" Rotary Stabilizer; Plus Assortment of Other Cable Drill Tools; Etc.

TOOLS
Delta Rockwell Floor Model Drill Press; Fairbanks Power Hack Saw; Zephyr Model 30 Jig Saw; 13" South Bend Quick Change Gear Lathe; Sheldon Metal Shaper; Selson Earle Metal Lathe; Sear's Roebuck 12" Band Saw; Wall Mount Drill Press; Craftsman 10" Table Saw; Craftsman 6" Joiner with Stand; Blacksmith Forge and Anvil; Wagon Wheel Rim Roller; Miller AC Arc Welder; Skil Chain Saw; Marquette Model 22-101 Acetylene Welder and Cutter (like new condition); Smith Model 28A50-12 Air Compressor; Traveller Battery Charger; Propane Tank with Torch and Hose; Pipe and Bench Vise; Rockwell Circle and Saber Saw; Breast Drill; Assortment of Pipe Threaders; Lg. Selection of Hand Tools, Metal Machinist Tools, Taps and Dies; Etc.

MISC. ITEMS
I.H. Model H Tractor; F-12 International Tractor; New Idea Model 452 Bush Hog; 1967 VW Bug; 1960 Corvair; 6'x3' Dump Trailer; 12'L Van Body; Flat Bed Truck Box; Van Body; International Gasoline Power Unit; Hinkle Model C Threshing Machine; VW Engine; Centrifugal High Volume Pump; Briggs & Stratton Model 58 Engine; Stanley Steam Boiler; Oil Trailer Furnace; 20' Extension Ladder; Tower with Windmill; 1-Cylinder 1½ h.p. Gasoline Engine; 15-Ton Crane Hook; Cement Mixer; International Boiler; Cardinal Junior Elevator; Wood Stove; 4' Mill Stone; Lg. Locomotive Headlight; 32" Snow Blower for Int. Cub Cadet; 4' Diam. Saw Blade; 1/3 h.p. Jet Pump; Mineralogy Set; Lg. Assortment of Electric Motors, Brass Plumbing, Fittings and Valves, Galvanized Fittings and Valves, Log Chains, Tool Boxes, C-Clamps, Nuts and Bolts, Lumber, Junk Piles in Iron, Brass and Copper; Etc.

HOUSEHOLD ITEMS
Magic Chef Gas Stove; Frigidaire Refrigerator; RCA Whirlpool Automatic Washer & Dryer; 2-Pc. Living Room Suite; 5-Pc. Breakfast Set; Recliner; Repro Boston Rocker; Metal Bed, Springs and Mattress; Single Bed, Box Springs and Mattress; Chest of Drawers; Bookcase; Bookshelf; Combination Radio-Record Player; RCA Portable TV; Hoover Swingette Vacuum Cleaner; Cedar Chest; Reader's Digest AM-FM Radio, Tape Recorder and Player; Wall Thermometer-Barometer Weather Station; WWI Bayonet; 22 Mossberg Rifle; Cast Iron Frog Door Stop; Antique Walnut Victorian Side Chair; Antique German Bible Printed in Reading, Pa. Dated 1805; Antique Seth Thomas Oak Case Wall Clock; Kerosene Lamp; Asst. of Jugs & Crocks; Service for 12 Noritake China; Wm. Rogers Silverware; 7x35 Binoculars; Repro Gone with the Wind Parlor Lamp; Asst. of Lifetime Stainless Steel and Guardian Service Pots; Misc. Pots, Pans and Dishes; Lawn Mower; Etc.

COINS
Half Dollars, Quarters, Nickels, Dimes and Pennies. For complete list of coins contact Auctioneer.

TERMS: Real Estate - 10% Down. Further terms and conditions to be given the day of sale. Personal Property - Cash. Personal checks accepted only from persons having an established account with Auctioneer.

WILLIAM C. BROSIUS ESTATE
Corrine J. Rothermel, Executrix
James S. Brosius, Executor

WILLIAM H. WIEST, ATTORNEY
DOCKEY & DOCKEY, AUCTIONEERS
DEPPEN, APPRENTICE

2-DAY
PUBLIC SALE

Valuable Blacksmith Equipment, Many New Various Brands Of Blacksmith Manufactured Plow Shares & Etc., Farm Equipment, Household Goods, Tools, Antiques, Station Wagon, Ford 10 HP Riding Mower

FRIDAY, MAY 8
at 10:00 a.m. &

SATURDAY, MAY 9
at 10:00 a.m.

Located 6 miles west of Bowmanstown, on Route 895, 6 miles east of Route 309 at Snyders on Route 895, 0.1 mile south of Route 895 at Deer Park Inn on Lauchnor Road, Carbon County, PA. Look For Sale Signs.

Selling Friday, May 8
at 10:00 a.m.

BLACKSMITH EQUIPMENT, MANY NEW VARIOUS BRANDS OF BLACKSMITH MANUFACTURED PLOW SHARES; MOLD BOARDS; LAND SIDES; SHINS; HARROW SOLES; CULTIVATOR AND HARROW TEETH, FLAIL PARTS AND FARM EQPT.

ITEMS — 2 straight line cutting machines, Edged master sickle bar section grass mower sharpener with motor, Template cutting machine, Propane cutting hoses and gauges, Reaming machine, Lancaster Champion tire shrinker, Heavy duty grind stone with motor, chain hoist, Large band saw, Pedestal type grinder with electric motor, Line shaft pulleys, Many electric motors in various horse powers, Many parts racks many on wheels, 2 swinging saws, 2 table saws with motors, Heavy duty bag trucks, Air compressor with electric motor, Assorted chains, Block and tackles, Hydraulic jacks, Skit gas tank with gas pump, Steel roller rack, Blacksmith vises, Many pieces of new flat and round steel, Iron fireman stoker unit, Log hooks, Tin shears, Calipers, Blacksmith wheel gauge, Electric drills, Large drill chucks, Many drill bits, Drill press, Welding rods, Bolt cutters, Approx. 300 gallon underground gas tank, Round dolling machine, R.R. jack, Many boxes of new assorted sizes in machine; carriage; stove and plow bolts, Endless belting, Drain snake, Leather sewing machine, Pipe wrenches, Bench vise, Pipe cutting and flaring tool, Riveting, New hanging scale weights up to 200 pounds, Many kegs of assorted new nails, 2 model A Ford radiators, Model A Ford parts, Many hinges, New hammer handles, Platform scale, Door track parts, Copper tubing, Many sets of new ice creepers, Oil dispenser, Grease pumps, Gas cans, Weed burner, Assorted lumber, Tarps, Extension cords, Many wood brace bits, 2 man saws, Saw sets, Wooden pulleys, Scrap piles, C clamps, Set screws, Lag bolts, Many cutting tips, Belt lacer, Picks, Grubbing hoes, Water pumps, Bag scoop, Animal traps, Large metal drum, Seed cleaning windmill, 13 bundles of new roof shingles, 3 section spring tooth harrow, 3 pt. single left and right plow, 3 pt. 2 disc plow, Stalk cutter, 2 - two wheel trailers one with dump body, Corn planter shoes (new), International land sides; Plow shears; shins; mold boards; land sides; harrow soles and runners; grain drill points; chisel plow points, Flail parts fit John Deere; International; Long; Speedy; and Geihill.

Selling Saturday, May 9
at 10:00 a.m.

HOUSEHOLD GOODS, TOOLS, ANTIQUES, STATION WAGON, FORD 10 H.P. RIDING MOWER.

ITEMS — General Electric side by side refrigerator (like new), Zenith 25 inch floor model color TV, Maytag automatic washer (like new), Kelvinator automatic dryer, 7 pc. dinette set, Oak side by side, Sofa bed, 2 wringer wash machines, Pole lamp, Fancy oak sideboard, Old wall telephone, 9 matching oak chairs, Trundle bed, Chifferobe, Ball and claw stand, 3 clothes trees, Old wall mirror, Wicker library table, 3 pc. oak bedroom suite with high bed, Wooden rocker, Old upright radio, Oak wall mirror, Old fancy brass poster bed, Room air conditioner, Double rinse tubs, Large split oak basket, 5 blue decorated crocks and others, Jugs, Old bottles, Dated jars, Wooden meat tub, Old square table, Bottle capper, Slider cabbage cutter, Butcher ladles, Butcher saw and cleavers, Jardiniere, Oak gingerbread clock, Wash stand, Utility cart, Dresser, Carnival glass, Maccoy pottery, Goofus glass, Ruby, Depression glass, Sewing basket, 6 pc. berry set, Agate ware, Cast iron fry pans, Pots, Pans, Pressure cooker, Counter top mixer, Electric fry pan, Four slice toaster, Service for 8 china ware, Step stool, Hanging market scale, Luggage, Sewing cabinet, Electric fan, Old quilts including State Flower quilt and others, Old alarm clocks, Rag carpet, Quilting frames, Glass wash board, Butcher tubs, Old pocket watches, Shop vac, Sears sweeper, Flat irons, Kerosene lamp, Shetland floor polisher, Old lunch cans, Wood rolling pin, Milk can, Pillar mantle clock, Metal comb holder, Beaded purse, Advertising tins, Dresser scarves and doilies, Old medical books, Arrow heads, Large floor model combination safe, Home made soap, Shoemaker repair kit, Brass folding rule, Carpenters tool box, Wood block planes, Hand saws, Wood chisels, Clover seeder, 2 rubber tire wheelbarrows, Bushel crates, Old meat hooks, Hay hooks, Old hay fork, Many assorted hand and garden tools, Shoe lathe, Many carpenter and mechanic tools, Aluminum extension ladder, Gas hot water heater, Spinner type power mowers, Hand mowers, Black and Decker 7¼ inch hand saw, Sears 14 inch chain saw, ½ h.p. motor with forward and reverse control reduction gear, Cast iron kettle, Kerosene stove, Ford 10 h.p. riding mower with 42 inch mower and 3 foot snow blower and top, 1967 Ford Country Sedan Station Wagon; P.S.; P.B.; Air; V8; Automatic Transmission. MANY OTHER ITEMS TOO NUMEROUS TO MENTION.

TERMS — CASH OR ACCEPTABLE CHECK. NO OUT-OF-STATE CHECK ACCEPTED.

NOT RESPONSIBLE IN CASE OF ACCIDENTS

NOTE — In Case of Rain, Sale Will Be Held Indoors. If Items Are Left Over From Friday's Sale, They Will Be Sold on Saturday.

ESTATE OF:
GEORGE P. SMITH
EXECUTOR: WAYNE H. SMITH
ATTORNEY: EDWARD H. VERMILLION
221 North 1st Street, Lehighton, Pa.

AUCTIONEER:
ROBERT A. ARNER
Route 2, Box 216, New Ringgold, PA 17
PHONE 717-386-4586

REFRESHMENTS

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

MON AUGUST 3 - 2 P.M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS AUG 6 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

MON AUGUST 10 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT AUG 15 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON AUGUST 17 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS AUG 20 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

MON AUGUST 24 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON AUGUST 31 2 P.M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SEPTEMBER

THURS SEPT 3 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore Auctioneer

MON SEPT 7 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON SEPT 14 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS SEPT 17 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

SAT SEPT 19 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON SEPT 21 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON SEPT 28 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman owner

OCTOBER

THURS OCT 1 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn 2220 Dairy Road Lancaster Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

SATURDAY, OCTOBER 3 1981 Wesson Charolais Production Sale at the ranch at Koshkonong, Missouri Salemanaged by Buzz Garey, 100 Walnut Lane Morrisville, PA 19067

MON OCT 5 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON OCT 12 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS OCT 15 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown, Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

SAT OCT 17 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON OCT 19 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON OCT 26 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

NOVEMBER

MON NOV 2 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

FRI NOV 6 - Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

MON NOV 9 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON NOV 16 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS NOV 19 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown Rd , Woodsboro, Md 21798 Thomas Miller, Sales Manager Robert Mullendore Auctioneer

SAT NOV 21 6 30 P M Danville Livestock Market horse sale located Old Route 11 Danville PA Melvin M Lenman, owner

MON NOV 23 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11 Danville PA Melvin M Lehman, owner

MON NOV 30 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

DECEMBER

FRI DEC 4 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road Lancaster Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore Auctioneer

MON DEC 7 2 P M Danville Livestock Market cattle and hog auction Located Old Route 11 Danville PA Melvin M Lehman owner

MON DEC 14 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11 Danville, PA Melvin M Lehman owner

THURS DEC 17 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 11342 Cragerstown Rd , Woodsboro Md 21798 Thomas Miller Sales Manager Robert Mullendore Auctioneer

SAT DEC 19 6 30 P M Danville Livestock Market horse sale located Old Route 11 Danville PA Melvin M Lehman owner

MON DEC 21 2 P M Danville Livestock Market cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman owner

MON DEC 28 2 P M Danville Livestock Market cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M Tuesday of each week's publication

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CONSIGNMENT SALE

SATURDAY, MAY 9

At 10:00 A.M.

Located along Route 11-15, 8 miles North of Liverpool; 9 miles South of Selinsgrove, Port Trevorton, R.D. 1.

CONSIGNMENTS WELCOME

Hay, Straw Farm Equipment

At 1:00 P.M.

Tractors; Horse Drawn Implements; GMC with Grinder Mixer with Blower; GMC Power Unit; Sauder Loader for Wide Front End Tractors; Hay Fluffer; #8 and 10A New Idea Manure Spreaders; Side Rakes; 3 P Mowers; Cornplanters; Wagons; Cultivators; Plows; Harrows; 2 Hole Corn Sheller; Blacksmith Tools; Posts; Lumber; Channel Iron, New; Load of New Tools; New Farm Gates; Hay Feeders.

OLD PHAYATON LADY FASHION BUGGY

and many other pcs. for Farm Machinery; and other articles; Household Goods; Good Used Restaurant Equipment; Kitchen Stove; Perfection Cook Stove; Large 6 Door Reach-in Refrigerator; 6" Oven Grill Hood; Soda Fountain; Redwood Tables and Benches; and other pieces; Load of Chips — Pretzels — Candy.

SALE AT 10:00 A.M.

By,
ELMER STAUFFER
717-374-1575

Auctioneers
Frank Snyder, 859-2688
B.D. Imes, 717-527-2417
Fasnacht, Clerks

No Out of State Checks
Not Responsible for Accidents
Refreshments

SALE EVERY TUESDAY

Graded Sale
1st Tuesday each month
2 P.M
Horse Auction
2nd Saturday each month
1 P.M

FAUQUIER LIVESTOCK EXCHANGE

Marshall, Va
703-364-1566

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
Ph: 717-786-3016

"SPECIAL NIGHT SALE"

MEL KOLB, INC.

QUALITY HOLSTEINS

THURSDAY, MAY 7, 1981

at 7:30 p.m.

LOCATION: At the former Black & White farm west of Lancaster on Dairy Road. Take 283 west of Lancaster, exit beyond ABC Stud Barns at Flory Mill Road, turn left after exiting, go to mill, then sharp right under railroad bridge. Barn within sight of Route 283.

150 Head of Purebred and Grade DAIRY COWS!

The selection of cows and heifers for this sale come from the better herds from several states. There will be 50 head of registered and about 100 grades, springing or fresh. These grades are big and powerful milk cows that will increase your herd production.

SPECIAL MENTION: Some of the 50 Purebreds have records, pedigrees, and some are classified from the very best bulls. If you need some good cows these are as good as they grow. Come and see for yourself!

There are too many cows to put in ad individually. Plus, there will be a few stock bulls FARMERS: Please spend an evening with us on Thursday, May 7th at 7.30 p.m and go home with some quality dairy cattle

Complimentary Lunch Available

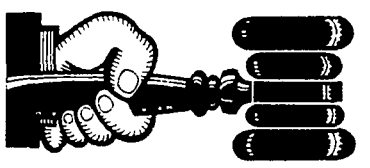
Thank you,
MEL KOLB

Robert Mullendore-Auctioneer
Henry Kettering-Pedigrees
Marvin Eshleman-Clerk

2220 Dairy Rd., Lancaster, PA
Dennis Kolb, Mgr. 17601
717/569-2106 or 569-6800
11342 Woodsboro Cragerstown Rd.
Woodsboro, MD 21798
Thomas Miller, Mgr.
301/898-7720

FREE Transportation for Lanc. Co. Amish. If you need a ride to the sale, please call us at 569-2106 or 569-6800.

PRIVATE SALES AT BOTH FARMS DAILY!



AUCTIONEER'S DIRECTORY

AUCTIONEERS
FRANK & PAUL SNYDER
Livestock, Farm Equipment, Household Goods, Antiques
No sale too small or too large
717-859-2688
717-733-7052

C.H. WOLGEMUTH
RD #2, MANHEIM, PA
AUCTIONEER
Member of
COMPLETE AUCTION SERVICE
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717-665-5664

SPECIALIZING IN HOLSTEIN AND GENERAL FARM SALES

BOB KAUFFMAN
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Phone 717 367 3550

JAY HOWES
Pedigrees
Box 81 RD 1
Warriors Mark Pa
Phone 814 692-8980

FOR COMPLETE SERVICE CALL
JOHN E. MARTIN
RD 1, Water St
Ephrata
733-3511 or
PAUL E. MARTIN
Stevens, RD 1,
Box 561
733-3305
LICENSED AUCTIONEERS
No Sale Too Small or Large
Tents Available

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Landis Auction Service
RD5, MANHEIM, PA PHONE (717) 665-5735
PROFESSIONAL • LICENSED AUCTIONEERS
J. OMAR LANDIS & J.M. WITMAN
"SPECIALISTS"
- AUTOMOBILES
- ESTATES
- REAL ESTATE
- ANTIQUES - FURNISHINGS
- LIVESTOCK - MACHINERY
- MAILING LIST AVAILABLE

We are now listing Spring Sales.

KLINE & KREIDER AUCTION SERVICE
COMPLETE PROFESSIONAL AUCTION SERVICE
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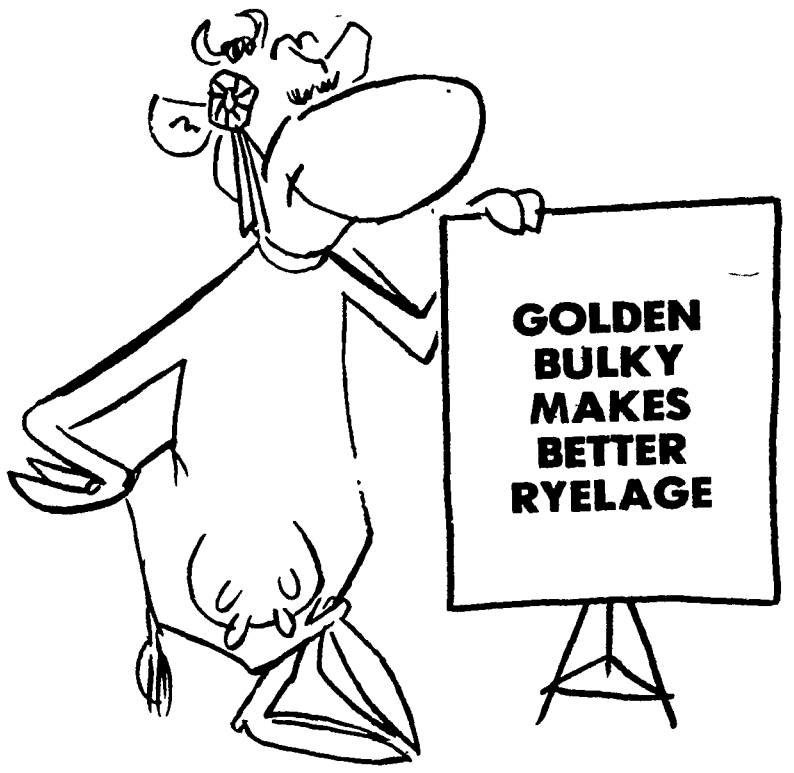
PERSONAL PROPERTY ANTIQUES
FARM STOCK SALES LIQUIDATIONS

RANDAL V. KLINE
AUCTIONEER REALTOR
717 733 1006
717 354 4071

LLOYD H. KREIDER
AUCTIONEER
717 786 3394



100 lbs. GOLDEN BULKY PER TON

- **IMPROVES ENERGY**
- **ABSORBS EXTRA MOISTURE & IMPROVES PACKING**
- **IMPROVES RYELAGE PALATABILITY**

	CRUDE PROTEIN	TDN (ENERGY)
RYELAGE (65% Moisture)	4.50%	20.00%
RYELAGE + 100 lbs. GOLDEN BULKY Per Ton	4.75%	22.50%
IMPROVEMENT WITH GOLDEN BULKY	+.25%	+2.50%

WHAT IS GOLDEN BULKY?

Purina Golden Bulky has long been a favorite of profit-minded dairymen because this bulky, nutritious feed can be used so many different ways to help increase milk production and add income to dairy operations throughout America.

Golden Bulky was first fed to cows and heifers in the early 1900's. Since its introduction, Purina Dairy scientists have made many improvements which have added to its versatility and milk-making qualities.

It is a bulky, nutritious, easy-to feed 10% protein ration containing molasses. Cows really love its sweet, succulent flavor! It is a versatile ration, which fits well into feeding programs for milk cows, heifers or dry cows. With its fortification of minerals and Vitamins A and D it makes an excellent supplement in roughage programs with hay, pastures or corn silage.

Because of its versatile qualities it has often been called "A dairyman's best friend."

HESS MILLS
PHONE 717-442-4183
717 768 3301
PARADISE PA 17562

HIGH BROS.
PHONE 717 354-0301
GORDONVILLE PA 17529

K & K FEED, INC.
PHONE 717-866-2324
23 N PARK ST RICHLAND PA 17087

UMBERGER'S MILL
PHONE 717-867 5161
FONTANA PA 17042

KEYSTONE MILLS
John B Kurtz
PHONE 717 354-4616 717 738 1088
RD3 EPHRATA PA 17522

McCRACKEN'S FEED MILL, INC.
PHONE 717-665-2186
2 NEW CHARLOTTE ST MANHEIM PA 17545

WEST WILLOW FARMERS ASSN., INC.
PHONE 717-464 3386
WEST WILLOW, PA 17583

LANDIS SUPPLY
Ira B. Landis
PHONE 717-665 3248
BOX 276 RD3
MANHEIM, PA 17545

M. G. HENNINGER & SON, INC.
PHONE. 717 362-3333
BERRYSBURG, PA 17005

Anthony's Feed Mill
PHONE 215-488-6211
STRAUSSTOWN, PA 19559

FAWN MILLS
PHONE 717 382-4805
FAWN GROVE, PA 17321
PHONE 717-637-1123
HANOVER PA 17331